C55.220/2-2:983

WORLD DATA CENTER A
Oceanography

CATALOGUE OF ACCESSIONED PUBLICATIONS

SUPPLEMENT NO. 16
1983

WDCA-OC-84-3

World Data Centers conduct international exchange of geophysical observations in accordance with the principles set forth by the International Council of Scientific Unions. WDC-A is established in the United States under the auspices of the National Academy of Sciences.

WORLD DATA CENTER A
Oceanography

CATALOGUE
OF
ACCESSIONED PUBLICATIONS

SUPPLEMENT NO. 16

1983

World Data Center A
Oceanography
Washington, D. C. 20235

ABSTRACT

This catalogue lists the oceanographic publications received by World Data Center A, Oceanography, from 1 October 1982 through 30 September 1983. It was compiled by the staff of Cytech Languages, Inc.

ACKNOWLEDGMENTS

The following staff members of Cytech Languages Inc. assisted in the preparation of this catalogue: Christina Nassikas, Project Leader; Rose Ann Loechler, editing and proofreading; Averill Laurie and Virginia Moore, cataloguing; Ellen Nassikas, proofreading; Averill Laurie, technical typing; Nancy Lee Maloch, paste-up artist. Ronald E. Moffatt and Charlotte L. Sazama of WDC-A, Oceanography, provided technical assistance.

CONTENTS

	Page
ABSTRACT	ii
ACKNOWLEDGMENTS	ii
INTRODUCTION	v
WORLD DATA CENTER A	vi
GENERAL INFORMATION	viii
Arrangement of the Catalogue	viii
List of Countries, Institutions and Corporate Authors	ix
Keyword Index	xiii
Author Index	xiii
PART I - CATALOGUE	1
PART II - KEYWORD INDEX	79
PART III - AUTHOR INDEX	139

INTRODUCTION

The World Data Center system was established in 1957 to collect data from the numerous and widespread observational programs of the International Geophysical Year (IGY) under the principles set forth by the International Council of Scientific Unions (ICSU) and to make such data readily accessible to interested scientists and scholars. The system consists of World Data Center A (WDC-A) located in the U.S.A.; WDC-B located in the U.S.S.R.; and several WDC-C's located in Western Europe, Australia, and Japan. WDC-A is established under the auspices of the U.S. National Academy of Sciences where the Coordination Office is located. WDC-A is divided into eight discipline centers whose addresses are given on pages vi and vii. These centers are located in institutions which, in the opinion of the Academy, can best serve the interests of science because of their data handling capabilities for the appropriate scientific disciplines. WDC-A, Oceanography, is collocated with the National Oceanographic Data Center (NODC) in Washington, D.C.

ICSU first assigned responsibility for the operation of the World Data Centers to its Comite Special de Annee Geophysique Internationale (CSAGI). After completion of the IGY programs, CSAGI's responsibilities were terminated in 1959. ICSU then delegated the responsibility for the operation of the World Data Centers in the post-IGY period to its Comite International de Geophysique (CIG). This function is now discharged by the ICSU Panel on World Data Centers. The framework for continued international exchange of data is set forth in the Fourth Consolidated Guide to International Data Exchange through the World Data Centres and the Intergovernmental Oceanographic Commission's Manual on International Oceanographic Data Exchange.

Each WDC is open to visitors and guest workers from any country; all data in the centers are accessible to visitors.

Arrangements can be made to borrow from WDC-A, Oceanography, any publication for which duplicates are available at the Center. This temporary use of publications may not exceed a period of one month, not including time of transmittal.

Copies of extracts of noncopyrighted materials may be provided on request, at a cost not to exceed that of reproduction and mailing. Details for obtaining data and information from the Center are given in the Catalogue of Data.

WORLD DATA CENTER A

World Data Center A consists of the Coordination Office and eight subcenters:

World Data Center A,
Coordination Office
National Academy of Sciences
2101 Constitution Avenue, N.W.
Washington, D.C., U.S.A. 20418

Telephone: (202) 334-3359

GLACIOLOGY (SNOW AND ICE):

World Data Center A,
Glaciology (Snow and Ice)
Cooperative Institute for
Research in Environmental
Sciences
University of Colorado
Boulder, Colorado, U.S.A. 80309

Telephone: (303) 492-5171
FTS 320-5311

METEOROLOGY (AND NUCLEAR RADIATION):

World Data Center A,
Meteorology
National Climatic Center
Federal Building
Asheville, North Carolina,
U.S.A. 28801

Telephone: (704) 257-6682
FTS 672-6682

ROCKETS AND SATELLITES:

World Data Center A,
Rockets and Satellites
Goddard Space Flight Center
Code 601
Greenbelt, Maryland, U.S.A.
20771

Telephone: (301) 344-6695
FTS 344-6695

ROTATION OF THE EARTH:

World Data Center A,
Rotation of the Earth
U.S. Naval Observatory
Washington, D.C., U.S.A.
20390

Telephone: (202) 653-1529

OCEANOGRAPHY:

World Data Center A,
Oceanography
National Oceanic and Atmospheric
Administration
Washington, D.C., U.S.A. 20235

Telephone: (202) 634-7249
FTS 634-7249

SOLAR-TERRESTRIAL PHYSICS (SOLAR AND INTERPLANETARY PHENOMENA, IONOSPHERIC PHENOMENA, FLARE-ASSOCIATED EVENTS, GEOMAGNETIC VARIATIONS, MAGNETOSPHERIC AND INTER-PLANETARY MAGNETIC PHENOMENA, AURORA, COSMIC RAYS, AIRGLOW):

World Data Center A,
Solar-Terrestrial Physics
NOAA, E/GC2
325 Broadway
Boulder, Colorado, U.S.A. 80303

Telephone: (303) 497-6323
FTS 320-6323

SOLID-EARTH GEOPHYSICS (SEISMOLOGY, TSUNAMIS, GRAVIMETRY, EARTH TIDES, RECENT MOVEMENTS OF THE EARTH'S CRUST, MAGNETIC MEASUREMENTS, PALEOMAGNETISM AND ARCHEOMAGNETISM, VOLCANOLOGY, GEOTHERMICS):

World Data Center A,
Solid-Earth Geophysics
NOAA, E/GC1
325 Broadway
Boulder, Colorado, U.S.A. 80303

Telephone: (303) 497-6521
FTS 320-6521

MARINE GEOLOGY AND GEOPHYSICS, (GRAVITY, MAGNETICS, BATHYMETRY, SEISMIC PROFILES, MARINE SEDIMENT AND ROCK ANALYSIS):

World Data Center A,
Marine Geology and Geophysics
NOAA, E/GC3
325 Broadway
Boulder, Colorado, U.S.A. 80303

Telephone: (303) 497-6487
FTS 320-6487

GENERAL INFORMATION

Arrangement of the Catalogue

This catalogue lists the publications received by WDC-A, Oceanography, from 1 October 1982 to 30 September 1983. To enhance the usefulness of the catalogue, suitable cross references are provided by means of keyword and author indexes.

The publications listed in the catalogue are grouped by countries of origin. Preceding each publication is an identifying catalogue number. The numbering system is designed after that used in other WDC-A, Oceanography, catalogues. The first two digits identify the originating country. The number assigned to each country is given in the Numerical List of Countries. The next two digits, after the decimal point, identify the contributing institution. The names of the countries and institutions are printed in capital letters at the beginning of each group of references, preceded at the left by their identifying numbers. In some instances, where specific institutions are not identified separately, the institution number is given as ".00." The final three digits following the dash represent the unique number for each document. This document sequence number is assigned in the order in which the publication is catalogued. For example, Argentina is number 01; Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, is .06. Thus, the first publication listed in this Supplement has the catalogue number 01.06-007. If a publication contains data that are listed in the Catalogue of Data, that catalogue number is referenced in parentheses after the publication information. For example, after publication number 01.06-007, information appears (WDCA-101.2 A-2) which shows that this publication contains data for catalogue number 101.2 A-2 in the Catalogue of Data.

In this Supplement, the articles that appear within some journals are indexed individually following the journal entry. For example, following publication No. 02.01-485, the articles included in that publication are numbers 02.01-485.1 through 02.01-485.7. The decimal number is entered beneath the catalogue number. In cataloguing certain journals, articles not relating to the marine sciences are omitted.

In addition to serving as a means of sequencing the publications, the catalogue number constitutes a link between the indexes and the catalogue.

A brief section, which lists miscellaneous journals, reprints and reports, may follow the last institution for a particular country.

List of Countries, Institutions and Corporate Authors

01 ARGENTINA
01.06 Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca

02 AUSTRALIA
02.01 Commonwealth Scientific and Industrial Research Organization
02.02 Oceanographic Data Centre
02.10 Fisheries Research Branch, Queensland Department of Primary Industries

03 BELGIUM
03.01 Instituut Voor Zeewetenschappelijk Onderzoek

06 CANADA
06.05 Ministere de l'Agriculture, des Pecheries et de l'Alimentation, Quebec
06.09 Bedford Institute of Oceanography, Department of Fisheries and Oceans
06.16 Marine Environmental Data Service
06.17 Department of the Environment, Institute of Ocean Sciences, Patricia Bay

07 CHILE
07.03 Instituto Antartico Chileno, Santiago
07.06 Instituto de Oceanologia, Universidad de Valparaiso

08 COLOMBIA
08.04 Ministerio de Defensa Nacional, Armada Nacional
08.07 Centro Colombiano de Datos Oceanograficos

11 FINLAND
11.03 Finnish Game and Fisheries Research Institute

12 TAIWAN
12.02 Institute of Oceanography, National Taiwan University

13 FRANCE
13.15 Centre National Pour l'Exploitation des Oceans
13.21 Museum National d'Histoire Naturelle, Laboratoire d'Oceanographie Physique
13.24 Service Hydrographique et Oceanographique de la Marine, Paris
13.00 Miscellaneous

14 GERMANY (FEDERAL REPUBLIC)
14.02 Deutsches Hydrographisches Institut
14.03 Universitat Hamburg
14.04 Universitat Kiel, Institut fur Meereskunde
14.05 Deutsches Ozeanographisches Datenzentrum, Hamburg

15 GERMANY (DEMOCRATIC REPUBLIC)
15.01 Deutsche Akademie der Wissenschaften zu Berlin
15.02 Nationalkomitee fur Geodasie und Geophysik

19 INDIA
19.01 National Institute of Oceanography
19.04 Department of Marine Sciences, University of Cochin

20	INDONESIA
20.02	National Institute of Oceanology, Indonesian Institute of Sciences
21	IRELAND
21.01	Department of Fisheries and Forestry
22	ISRAEL
22.03	Israel Oceanographic & Limnological Research, Limited, Haifa
23	ITALY
23.09	Instituto Idrografico della Marina
23.00	Miscellaneous
24	JAPAN
24.04	Hokkaido University
24.06	Fisheries Agency
24.07	Meteorological Agency
24.09	Oceanographic Data Center
24.10	Maritime Safety Agency
24.11	University of Fisheries, Shimonoseki
24.13	Ocean Research Institute, University of Tokyo
24.14	Far Seas Fisheries Research Laboratory, Shimizu
24.20	Nansei Regional Fisheries Research Laboratory
24.21	Maritime Self Defense Force
24.22	National Institute of Polar Research
24.23	Marine Fishery Resource Research Center
25	MEXICO
25.04	Universidad Nacional Autonoma de Mexico
25.00	Miscellaneous
26	NETHERLANDS
26.07	Nederlands Centrum voor Oceanografische Gegevens
27	NEW ZEALAND
27.04	University of Auckland
28	NORWAY
28.02	University of Bergen
29	PAKISTAN
29.03	National Institute of Oceanography
30	PERU
30.02	Instituto del Mar, Callao
32	POLAND
32.03	Polish Academy of Sciences
33	PORTUGAL
33.01	Ministerio da Marinha, Instituto Hidrografico, Lisbon
33.03	Instituto Nacional de Meteorologia e Geofisica
34	SPAIN
34.01	Instituto Espanol de Oceanografia, Madrid
35	SWEDEN
35.03	Fishery Board

36	SOUTH AFRICA
36.03	Institute of Oceanography, University of Cape Town
36.05	Sea Fisheries Institute
36.06	National Research Institute for Oceanology, Council for Scientific and Industrial Research
36.00	Miscellaneous
37	UNION OF SOVIET SOCIALIST REPUBLICS
37.04	Academy of Sciences, U.S.S.R., Institute of Oceanology
37.05	Academy of Sciences, U.S.S.R., Soviet Geophysical Committee
37.22	All-Union Research Institute of Marine Fisheries and Oceanography (VNIRO)
38	UNITED KINGDOM
38.14	Natural Environment Research Council
38.00	Miscellaneous
39	UNITED STATES
39.01	Scripps Institution of Oceanography, University of California
39.02	Lamont-Doherty Geological Observatory, Columbia University
39.06	National Academy of Sciences, National Research Council
39.13	United States Coast Guard
39.17	Naval Oceanographic Office, Washington, D. C.
39.21	Woods Hole Oceanographic Institution
39.27	Florida State University
39.31	Marine Research Committee, California
39.35	National Oceanic and Atmospheric Administration
39.36	National Science Foundation
39.39	National Aeronautics and Space Administration
39.40	University of Alaska
39.46	University of Hawaii
39.48	University of Puerto Rico
42	YUGOSLAVIA
42.01	Institute of Oceanography and Fisheries, Split
43	KOREA (REPUBLIC)
43.02	Fisheries Research and Development Agency
43.04	Oceanological Society of Korea
44	IVORY COAST
44.01	Centre de Recherches Oceanographiques
50	SENEGAL
50.01	Centre de Recherches Oceanographiques de Dakar-Tiaroye
51	THAILAND
51.02	Phuket Marine Biological Center
60	CUBA
60.01	Academia de Ciencias de Cuba, la Habana
60.02	Centro de Investigaciones Pesqueras
64	ARAB REPUBLIC OF EGYPT
64.03	Institute of Oceanography and Fisheries
73	PEOPLE'S REPUBLIC OF CHINA
73.05	South China Sea Institute of Oceanology, Academia Sinica
73.06	Yellow Sea Fisheries Research Institute

75	MAURITANIA
75.01	Centre National de Recherches Oceanographiques et des Peches

AINA	Arctic Institute of North America
FAO	United Nations Food and Agriculture Organization
ICES	International Council for the Exploration of the Sea
ICSU	International Council of Scientific Unions
IMCO	Inter-Governmental Maritime Consultative Organization, London
IOC	Intergovernmental Oceanographic Commission
NAFO	Northwest Atlantic Fisheries Organization

Keyword Index

In the Keyword Index, the keywords in every title are placed in alphabetical sequence in capital letters. Below a keyword, all numbers of the documents in the catalogue in which that word appears are listed.

Author Index

The Author Index gives in alphabetical sequence the names of the authors of the publications listed in the catalogue. The corresponding catalogue number(s) follow the name.

PART I

CATALOGUE

01 ARGENTINA

01.06 ARGENTINA. INSTITUTO ARGENTINO DE OCEANOGRAFIA, ARMADA ARGENTINA, BAHIA BLANCA

01.06-007 Pucci, A. Freije, R. Asteasuain, R. de Schmidt, A. Zavatti, J.
DETERMINACION DE NUTRIENTES Y FACTORES QUIMICOS Y FISICOS RELACIONADOS EN LA ZONA S.E. DE LA PROVINCIA DE BUENOS AIRES.
DETERMINATION OF NUTRIENTS AND RELATED CHEMICAL AND PHYSICAL FACTORS IN THE SOUTHEASTERN ZONE OF THE PROVINCE OF BUENOS AIRES.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Laboratorio Quimica Marina, Annual Report 1977, Scientific Contribution No. 40, March 1978. 140 p. (WDCA-101.2 A-2)

01.06-008 Barria de Cao, M.
CONTRIBUCION AL CONOCIMIENTO DE LOS TINTINNOINEOS (CILIATA, PROTOZOA) DE LA ZONA DE BAHIA BLANCA.
CONTRIBUTION TO THE KNOWLEDGE OF THE TINTINNIDAE (CILIATA, PROTOZOA) IN THE BAHIA BLANCA AREA.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Scientific Contribution No. 61, 1981. 70 p.

01.06-009 de Guerrero, M. de Izquierdo, M. de Canelo, S.
OBSERVACIONES MENSUALES SOBRE ALGUNOS ASPECTOS BIOLOGICOS DE LA RIA DE BAHIA BLANCA, ENTRE ING. WHITE Y PUERTO CUATREROS.
MONTHLY OBSERVATIONS OF SOME BIOLOGICAL ASPECTS OF THE BAHIA BLANCA ESTUARY BETWEEN ING. WHITE AND PUERTO CUATREROS.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Scientific Contribution No. 36, 1976. 39 p. (WDCA-101.2 C-1)

01.06-010 Laura, P. Goeller, J.
ON SOME CONSIDERATIONS ON THE BEHAVIOR OF MECHANICAL CABLE SYSTEMS FROM A DYNAMIC STABILITY VIEWPOINT.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Scientific Contribution No. 9, undated. 34 p.

01.06-011 Iturriaga, R. Massol, R. Freije, R.
ALGUNAS FLUCTUACIONES DE LA POBLACION BACTERIANA AL SUDESTE DE BAHIA BLANCA - ARGENTINA. NOTA: DISTRIBUCION VERTICAL DE BACTERIAS HETEROTROFAS EN UN PERFIL CENTRAL DEL GOLFO NUEVO - ARGENTINA.
SOME FLUCTUATIONS IN THE BACTERIA POPULATION OF SOUTHEASTERN BAHIA BLANCA, ARGENTINA. NOTE: VERTICAL DISTRIBUTION OF HETEROTROPHIC BACTERIA IN A CENTRAL PROFILE OF GOLFO NUEVO, ARGENTINA.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Scientific Contribution No. 11, 1974. 26 p.

01.06-012 Villaverde, L. Mestre, F. Gimenez, O. de Mestre, M.
LA EXPLORACION E INVESTIGACION SUBMARINA EN GOLFO NUEVO, INFORME TECNICO PRELIMINAR.
SUBMARINE EXPLORATION AND INVESTIGATION IN GOLFO NUEVO, PRELIMINARY TECHNICAL REPORT.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Scientific Contribution No. 14, 1974. 56 p.

01.06-013 Ercoli, R. Ercoli, L. Ferrante, A.
DETERMINACION DE TENSIONES DINAMICAS POR FRENADO BRUSCO EN CABLES OCEANOGRAFICOS.
DETERMINATION OF DYNAMIC STRESS FOR SUDDEN BRAKING IN OCEANOGRAPHIC CABLES.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Technical Contribution No. 31, October 1976. 28 p.

01.06-014 Galfon, D. Fernandez, E. Bernardez, C.
RELOJ DIGITAL PARA APLICACIONES OCEANOGRAFICAS.
DIGITAL CLOCKS FOR OCEANOGRAPHIC APPLICATIONS.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, Technical Contribution No. 32, 1976. 20 p.

01.06-015 Gelos, R.
SOBRE EL EFECTO DE LAS CONDICIONES DE BORDE EN CORRIENTES OCEANICAS INDUCIDAS POR EL VIENTO.
THE EFFECT OF EDGE CONDITIONS IN WIND-DRIVEN OCEAN CURRENTS.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, undated. 10 p.

01.06-016 MEMORIA ANUAL 1981.
ANNUAL REPORT 1981.
Instituto Argentino de Oceanografia, Armada Argentina, Bahia Blanca, undated. 38 p.

02 AUSTRALIA

02.01 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION

02.01-474 Greig, M.
SATELLITE-TRACKED BUOY DATA REPORT VI. BUREAU OF METEOROLOGY BUOYS TRACKED IN THE SOUTHERN, INDIAN AND PACIFIC OCEANS MARCH TO JUNE 1979.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 137, 1982. 40 p.

02.01-475 Forbes, A.
TIDE STREAM ATLAS - GULF OF CARPENTARIA.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 139, 1981. 19 p.

02.01-476 Pearce, A. Boland, F.
AANDERAA CURRENT METER RECORDS FROM THE NEW SOUTH WALES CONTINENTAL SHELF, 1978-1980.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 140, 1982. 35 p.

02.01-477 Majkowski, J. (Editor)
CSIRO DATA BASE FOR SOUTHERN BLUEFIN TUNA (THUNNUS MACCOYII (CASTLENAU))
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 142, 1982. 23 p.

02.01-478 Majkowski, J.
ESTIMATION OF THE ABUNDANCE OF THE SOUTHERN BLUEFIN TUNA (THUNNUS MACCOYII (CASTLENAU)) SUBPOPULATION EXPLOITED BY THE AUSTRALIAN FISHERY.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 143, 1982. 11 p.

02.01-479 Okera, W.
OBSERVATIONS ON THE MATURATION CONDITION OF SOME PELAGIC FISHES FROM NORTHERN AUSTRALIAN WATERS.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 144, 1982. 15 p.

02.01-480 Clarke, T.
DISTRIBUTION, GROWTH, AND REPRODUCTION OF THE LIGHTFISH MAUROLICUS MUELLERI (STERNOPTYCHIDAE) OFF SOUTH-EAST AUSTRALIA.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 145, 1982. 10 p.

02.01-481 Greig, M. Cresswell, G.
SATELLITE-TRACKED BUOY DATA REPORT VII. SOUTH-WEST PACIFIC OCEAN JULY TO DECEMBER 1978.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 146, 1982. 22 p.

02.01-482 Sainsbury, K.
THE BIOLOGICAL MANAGEMENT OF AUSTRALIA'S MULTISPECIES TROPICAL DEMERSAL FISHERIES: A REVIEW OF PROBLEMS AND SOME APPROACHES.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 147, 1982. 16 p.

02.01-483 Stevens, J. Hausfeld, H.
AGE DETERMINATION AND MORTALITY ESTIMATES ON AN UNEXPLOITED POPULATION OF JACK MACKEREL TRACHURUS DECLIVIS (JENYNS, 1841) FROM SOUTH-EAST AUSTRALIA.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 148, 1982. 14 p.

02.01-484 Wells, G.
SATELLITE-TRACKED BUOY DATA REPORT VIII. SOUTH-WEST PACIFIC OCEAN JULY 1980-DECEMBER 1981.
Commonwealth Scientific and Industrial Research Organization, Marine Laboratories, Report No. 149, 1983. 37 p.

02.01-485 CSIRO MARINE LABORATORIES, RESEARCH REPORT 1979-1981.
Commonwealth Scientific and Industrial Research Organization, 1982. 124 p.

02.01-485 .1 Golding, T.
CORAL SEA OCEANOGRAPHY.
Its p. 17-20.

02.01-485 .2 Forbes, A. Church, J.
WATER MOVEMENTS AND THE TRANSPORT OF PRAWN LARVAE IN THE GULF OF CARPENTARIA.
Its p. 21-30.

02.01-485 .3 Staples, D. Dall, W. Vance, D.
BANANA PRAWN CATCH PREDICTION.
Its p. 31-42.

02.01-485 .4 Phillips, B.
THE CIRCULATION OF THE SOUTH-EASTERN INDIAN OCEAN AND THE PLANKTONIC LIFE OF THE WESTERN ROCK LOBSTER.
Its p. 43-52.

02.01-485 .5 Tranter, D. Brandt, S. Cresswell, G.
WARM-CORE EDDIES SHED BY THE EAST AUSTRALIAN CURRENT.
Its p. 53-62.

02.01-485 .6 Jeffrey, S. Hallegraeff, G. Heron, A.
PHYTOPLANKTON, MARINE FOOD CHAINS AND THEIR RELATION TO OCEAN DYNAMICS.
Its p. 63-74.

02.01-485 .7 Robertson, A. Hansen, J.
DECOMPOSING SEAWEED: A NUISANCE OR A VITAL LINK IN COASTAL FOOD CHAINS?
Its p. 75-84.

02.01-486 AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH 33(3), 1982.
Commonwealth Scientific and Industrial Research Organization.
p. 377-606.

02.01-486 .1 Beckett, R. Easton, A. Hart, B. McKelvie, I.
WATER MOVEMENT AND SALINITY IN THE YARRA AND MARIBYRNONG ESTUARIES.
Its p. 401-415.

02.01-486 .2 Ahsanullah, M. Edwards, R. Kay, D. Negilski, D.
ACUTE TOXICITY TO THE CRAB PARAGRAPSUS QUADRIDENTATUS (H. MILNE EDWARDS), OF KUWAIT LIGHT CRUDE OIL, BP/AB DISPERSANT, AND AN OIL-DISPERSANT MIXTURE.
Its p. 459-464.

02.01-486 .3 Ahsanullah, M.
ACUTE TOXICITY OF CHROMIUM, MERCURY, MOLYBDENUM AND NICKEL TO THE AMPHIPOD ALLORCHESTES COMPRESSA.
Its p. 465-474.

02.01-486 .4 Ritz, D. Swain, R. Elliott, N.
USE OF THE MUSSEL MYTILUS EDULIS PLANULATUS (LAMARCK) IN MONITORING HEAVY METAL LEVELS IN SEAWATER.
Its p. 491-506.

02.01-486 .5 Davis, T.
MATURITY AND SEXUALITY IN BARRAMUNDI, LATES CALCARIFER (BLOCH), IN THE NORTHERN TERRITORY AND SOUTH-EASTERN GULF OF CARPENTARIA.
Its p. 529-545.

02.01-486 .6 Walker, T. Glover, J. Powell, D.
EFFECTS OF LENGTH, LOCALITY AND TISSUE TYPE ON MERCURY AND CADMIUM CONTENT OF THE COMMERCIAL SCALLOP, PECTEN ALBA TATE, FROM PORT PHILLIP BAY, VICTORIA.
Its p. 547-552.

02.01-486 .7 Walker, T.
EFFECTS OF LENGTH AND LOCALITY ON THE MERCURY CONTENT OF BLACKLIP ABALONE, NOTAHALIOTIS RUBER (LEACH), BLUE MUSSEL, MYTILUS EDULIS PLANULATUS (LAMARCK), SAND FLATHEAD, PLATYCEPHALUS BASSENSIS CUVIER & VALENCIENNES, AND LONG-NOSED FLATHEAD, PLATYCEPHALUS CAERULEOPUNCTATUS (MC CULLOCH), FROM PORT PHILLIP BAY, VICTORIA.
Its p. 553-560.

02.01-486 .8 Thompson, G. Thompson, C.
MOVEMENT AND SIZE STRUCTURE IN A POPULATION OF THE BLUE STARFISH LINCKIA LAEVIGATA (L.) AT LIZARD ISLAND, GREAT BARRIER REEF.
Its p. 561-573.

02.01-487 AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH 33(4), 1982
Commonwealth Scientific and Industrial Research Organization.
p. 607-722.

02.01-487 .1 Connell, D. Morton, H. Bycroft, B.
OXYGEN BUDGET FOR AN URBAN ESTUARY.
Its p. 607-616.

02.01-487 .2 Moore, R.
SPAWNING AND EARLY LIFE HISTORY OF BARRAMUNDI, LATES CALCARIFER (BLOCH), IN PAPUA NEW GUINEA.
Its p. 647-661.

02.01-487 .3 Reynolds, L. Moore, R.
GROWTH RATES OF BARRAMUNDI, LATES CALCARIFER (BLOCH), IN PAPUA NEW GUINEA.
Its p. 663-670.

02.01-487 .4 Moore, R. Reynolds, L.
MIGRATION PATTERNS OF BARRAMUNDI, LATES CALCARIFER (BLOCH), IN PAPUA NEW GUINEA.
Its p. 671-682.

02.01-487 .5 Ikeda, T. Carleton, J. Mitchell, A. Dixon, P.
AMMONIA AND PHOSPHATE EXCRETION BY ZOOPLANKTON FROM THE INSHORE WATERS OF THE GREAT BARRIER REEF. II. THEIR IN SITU CONTRIBUTIONS TO NUTRIENT REGENERATION.
Its p. 683-698.

02.01-488 AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH 33(5), 1982.
Commonwealth Scientific and Industrial Research Organization.
p. 723-943.

02.01-488 .1 Phillips, D. Sholz, M.
MEASURED DISTRIBUTION OF WATER TURBIDITY IN GULF ST VINCENT.
Its p. 723-737.

02.01-488 .2 Talbot, V. Chegwidden, A.
CADMIUM AND OTHER HEAVY METAL CONCENTRATIONS IN SELECTED BIOTA FROM COCKBURN SOUND, WESTERN AUSTRALIA.
Its p. 779-788.

02.01-488 .3 Fabris, G. Harris, J. Smith, J.
UPTAKE OF CADMIUM BY THE SEAGRASS HETEROZOSTERA TASMANICA FROM CORIO BAY AND WESTERN PORT, VICTORIA.
Its p. 829-836.

02.01-488 .4 Prince, J. Potter, I. Lenanton, R. Loneragan, N.
SEGREGATION AND FEEDING OF ATHERINID SPECIES (TELEOSTEI) IN SOUTH-WESTERN AUSTRALIAN ESTUARIES.
Its p. 865-880.

02.01-488 .5 Lenanton, R.
ALTERNATIVE NON-ESTUARINE NURSERY HABITATS FOR SOME COMMERCIALLY AND RECREATIONALLY IMPORTANT FISH SPECIES OF SOUTH-WESTERN AUSTRALIA.
Its p. 881-900.

02.01-488 .6 Richardson, B.
GEOGRAPHICAL DISTRIBUTION OF ELECTROPHORETICALLY DETECTED PROTEIN VARIATION IN AUSTRALIAN COMMERCIAL FISHES. I. JACK MACKEREL, TRACHURUS DECLIVIS JENYNS.
Its p. 917-926.

02.01-488 .7 Richardson, B.
GEOGRAPHICAL DISTRIBUTION OF ELECTROPHORETICALLY DETECTED PROTEIN VARIATION IN AUSTRALIAN COMMERCIAL FISHES. II. JACK-ASS MORWONG, CHEILODACTYLUS MACROPTERUS BLOCH & SCHNEIDER.
Its p. 927-931.

02.01-488 .8 Richardson, B.
GEOGRAPHICAL DISTRIBUTION OF ELECTROPHORETICALLY DETECTED PROTEIN VARIATION IN AUSTRALIAN COMMERCIAL FISHES. III. WESTERN KING PRAWN, PENAEUS LATISULCATUS KISHINOUYE.
Its p. 933-943.

02.01-489 AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH 33(6), 1982.
Commonwealth Scientific and Industrial Research Organization.
p. 945-1137.

02.01-489 .1 Rogers, P.
VASCULAR AND MICROVASCULAR ANATOMY OF THE GILL OF THE SOUTHERN ROCK LOBSTER, JASUS NOVAEHOLLANDIAE HOLTHIUS.
Its p. 1017-1028.

02.01-489 .2 Hutchings, P. Murray, A.
PATTERNS OF RECRUITMENT OF POLYCHAETES TO CORAL SUBSTRATES AT LIZARD ISLAND, GREAT BARRIER REEF - AN EXPERIMENTAL APPROACH.
Its p. 1029-1037.

02.01-489 .3 Rainer, S. Munro, I.
DEMERSAL FISH AND CEPHALOPOD COMMUNITIES OF AN UNEXPLOITED COASTAL ENVIRONMENT IN NORTHERN AUSTRALIA.
Its p. 1039-1055.

02.01-489 .4 Shaw, G. Connell, D.
FACTORS INFLUENCING CONCENTRATIONS OF POLYCHLORINATED BIPHENYLS IN ORGANISMS FROM AN ESTUARINE ECOSYSTEM.
Its p. 1057-1070.

02.01-490 AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH 34(1), 1983.
Commonwealth Scientific and Industrial Research Organization.
230 p.

02.01-490 .1 Church, J. Forbes, A.
CIRCULATION IN THE GULF OF CARPENTARIA. I. DIRECT OBSERVATIONS OF CURRENTS IN THE SOUTHEAST CORNER OF THE GULF OF CARPENTARIA.
Its p. 1-10.

02.01-490 .2 Forbes, A. Church, J.
CIRCULATION IN THE GULF OF CARPENTARIA. II. RESIDUAL CURRENTS AND MEAN SEA LEVEL.
Its p. 11-22.

02.01-490 .3 Wolanski, E. Bennett, A.
CONTINENTAL SHELF WAVES AND THEIR INFLUENCE ON THE CIRCULATION AROUND THE GREAT BARRIER REEF.
Its p. 23-47.

02.01-490 .4 Wolanski, E. van Senden, D.
MIXING OF BURDEKIN RIVER FLOOD WATERS IN THE GREAT BARRIER REEF.
Its p. 49-63.

02.01-490 .5 Wolanski, E. Pickard, G.
UPWELLING BY INTERNAL TIDES AND KELVIN WAVES AT THE CONTINENTAL SHELF BREAK ON THE GREAT BARRIER REEF.
Its p. 65-80.

02.01-490 .6 Andrews, J.
THERMAL WAVES ON THE QUEENSLAND SHELF.
Its p. 81-96.

02.01-490 .7 Thompson, R.
SET-UP OF SYDNEY HARBOUR BY WAVES, WIND AND ATMOSPHERIC PRESSURE.
Its p. 97-103.

02.01-490 .8 Cresswell, G. Ellyett, C. Legeckis, R. Pearce, A.
NEARSHORE FEATURES OF THE EAST AUSTRALIAN CURRENT SYSTEM.
Its p. 105-114.

02.01-490 .9 Pearce, A.
ESTIMATION OF DYNAMIC HEIGHTS FROM TEMPERATURE PROFILES IN THE TASMAN SEA.
Its p. 115-119.

02.01-490 .10 Fandry, C.
MODEL FOR THE THREE-DIMENSIONAL STRUCTURE OF WIND-DRIVEN AND TIDAL CIRCULATION IN BASS STRAIT.
Its p. 121-141.

02.01-490 .11 Fandry, C.
ANNUAL CYCLE OF THE DENSITY FIELD IN BASS STRAIT.
Its p. 143-153.

02.01-490 .12 Baines, P. Edwards, R. Fandry, C.
OBSERVATIONS OF A NEW BAROCLINIC CURRENT ALONG THE WESTERN CONTINENTAL SLOPE OF BASS STRAIT.
Its p. 155-157.

02.01-490 .13 Jones, I. Padman, L.
SEMIDIURNAL INTERNAL TIDES IN EASTERN BASS STRAIT.
Its p. 159-171.

02.01-490 .14 Thompson, R. Veronis, G.
POLEWARD BOUNDARY CURRENT OFF WESTERN AUSTRALIA.
Its p. 173-185.

02.01-490 .15 Steedman, R. Craig, P.
WIND-DRIVEN CIRCULATION OF COCKBURN SOUND.
Its p. 187-212.

02.01-490 .16 Holloway, P.
TIDES ON THE AUSTRALIAN NORTH-WEST SHELF.
Its p. 213-230.

02.01-491 AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH 34(2), 1983.
Commonwealth Scientific and Industrial Research Organization.
p. 231-357.

02.01-491 .1 Richardson, B.
DISTRIBUTION OF PROTEIN VARIATION IN SKIPJACK TUNA (KATSUWONUS PELAMIS) FROM THE CENTRAL AND SOUTH-WESTERN PACIFIC.
Its p. 231-251.

02.01-491 .2 Smith, D.
ANNUAL TOTAL MORTALITY AND POPULATION STRUCTURE OF JACKASS MORWONG (NEMADACTYLUS MACROPTERUS BLOCH & SCHNEIDER) IN EASTERN AUSTRALIAN WATERS.
Its p. 253-260.

02.01-491 .3 O'Sullivan, D. Cullen, J.
FOOD OF THE SQUID NOTOTODARUS GOULDI IN BASS STRAIT.
Its p. 261-285.

02.01-491 .4 Wass, R. Yoo, J.
CHEILOSTOME BRYOZOA FROM THE SOUTHERN AUSTRALIAN CONTINENTAL SHELF.
Its p. 303-354.

02.01-492 AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH 34(3), 1983.
Commonwealth Scientific and Industrial Research Organization.
p. 359-494.

02.01-492 .1 Skyring, G. Chambers, L. Bauld, J.
SULFATE REDUCTION IN SEDIMENTS COLONIZED BY CYANOBACTERIA, SPENCER GULF, SOUTH AUSTRALIA.
Its p. 359-374.

02.01-492 .2 Ferguson, J.
CONCENTRATIONS AND SPECIATION OF LEAD, ZINC AND CADMIUM IN SEAWATER-LIKE SMELTER EFFLUENT AND ADJACENT MARINE ENVIRONMENTS, PORT PIRIE, SOUTH AUSTRALIA.
Its p. 375-385.

02.01-492 .3 Pregenzer, C.
SURVEY OF METAZOAN SYMBIONTS OF MYTILUS EDULIS (MOLLUSCA: PELECYPODA) IN SOUTHERN AUSTRALIA.
Its p. 387-396.

02.01-492 .4 Thomson, J.
SHORT-TERM CHANGES IN METAL CONCENTRATION IN THE CULTIVATED PACIFIC OYSTER, CRASSOSTREA GIGAS THUNBERG, AND THE IMPLICATIONS FOR FOOD STANDARDS.
Its p. 397-405.

02.01-492 .5 Phillips, B. Joll, L. Sandland, R. Wright, D.
LONGEVITY, REPRODUCTIVE CONDITION AND GROWTH OF THE WESTERN ROCK LOBSTER, PANULIRUS CYGNUS GEORGE, REARED IN AQUARIA.
Its p. 419-429.

02.01-492 .6 Griffiths, D. Thinh, L.
TRANSFER OF PHOTOSYNTHETICALLY FIXED CARBON BETWEEN THE PROKARYOTIC GREEN ALGA PROCHLORON AND ITS ASCIDIAN HOST.
Its p. 431-440.

02.01-492 .7 Shepherd, S. Hearn, W.
STUDIES ON SOUTHERN AUSTRALIAN ABALONE (GENUS HALIOTIS). IV. GROWTH OF H. LAEVIGATA AND H. RUBER.
Its p. 461-475.

02.02 AUSTRALIA. OCEANOGRAPHIC DATA CENTRE

02.02-015 AUSTRALIAN OCEANOGRAPHIC DATA CENTRE BULLETIN, (16), MAY 1983.
Oceanographic Data Centre. 54 p.

02.10 AUSTRALIA. FISHERIES RESEARCH BRANCH, QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES

02.10-002 Hill, B. (Editor)
THE QUEENSLAND MUD CRAB FISHERY.
Fisheries Research Branch, Queensland Department of Primary Industries, Information Series FI 8201, 1982. 54 p.

02.10-003 Matilda, C.
BIBLIOGRAPHY OF THE BIOLOGY OF SQUIDS OF THE FAMILY LOLIGINIDAE.
Fisheries Research Branch, Queensland Department of Primary Industries, Bibliography 81004, 1981. 33 p.

03 BELGIUM

03.01 BELGIUM. INSTITUUT VOOR ZEEWETENSCHAPPELIJK ONDERZOEK

03.01-012 I.Z.W.O. COLLECTED REPRINTS, 12, 1982.
Instituut Voor Zeewetenschappelijk Onderzoek.

03.01-012 .1 Claus, C.
TRENDS IN NURSERY REARING OF BIVALVE MOLLUSCS.
Its Contribution No. 211. 33 p.

03.01-012 .2 Claus, C. Van Holderbeke, L. Maeckelberghe, H. Persoone, G.
NURSERY CULTURING OF BIVALVE SPAT IN HEATED SEAWATER.
Its Contribution No. 212. 16 p.

03.01-012 .3 Coppejans, E.
MARINE VEGETATION OF CORSICA (MEDITERRANEAN SEA). IV. DOCUMENTS ON ALGAL FLORA.
Its Contribution No. 213. 22 p.

03.01-012 .4 Decraemer, W. Jensen, P.
MEYLIIDAE (NEMATODA-DESMOSCOLECOIDEA) WITH FOUR NEW SPECIES AND TWO NEW GENERA.
Its Contribution No. 214. 13 p.

03.01-012 .5 De Pauw, N.
USE AND PRODUCTION OF MICROALGAE AS FOOD FOR NURSERY BIVALVES.
Its Contribution No. 215. 35 p.

03.01-012 .6 Martens, E. Schockaert, E.
OBSERVATIONS ON THE ULTRASTRUCTURE OF THE COPULATORY ORGAN OF ARCHILOPSIS UNIPUNCTATA (FABRICIUS, 1826) (PROSERIATA, MONOCELIDIDAE).
Its Contribution No. 216. 9 p.

03.01-012 .7 Vincx, M.
NEW AND LITTLE KNOWN NEMATODES FROM THE NORTH SEA.
Its Contribution No. 218. 21 p.

03.01-012 .8 Vranken, G. Thielmans, L. Heip, C. Vandycke, M.
ASPECTS OF THE LIFE-CYCLE OF MONHYSTERA PARELEGANTULA (NEMATODA; MONHYSTERIDAE).
Its Contribution No. 219. 6 p.

03.01-012 .9 Willems, K.
BOREOPONTIA HEIPI N.G., N. SP., AN INTERSTITIAL HARPACTICOID (COPEPODA) FROM THE SOUTHERN BIGHT OF THE NORTH SEA.
Its Contribution No. 220. 10 p.

03.01-012 .10 Wouters, K.
TWO NEW MARINE PODOCOPID SPECIES FROM HANSA BAY, PAPUA NEW GUINEA (CRUSTACEA: OSTRACODA).
Its Contribution No. 221. 12 p.

03.01-012 .11 Boudouresque, C. Coppejans, E.
VEGETATION MARINE DE L'ILE DE PORT-CROS (PARC NATIONAL). XXIII. SUR DEUX ESPECES DE GRIFFITHSIA (CERAMIACEAE, RHODOPHYTA).
MARINE VEGETATION OF PORT-CROS ISLAND (NATIONAL PARK). XXIII. TWO SPECIES OF GRIFFITHSIA (CERAMIACEAE, RHODOPHYTA).
Its Contribution No. 223. 10 p.

03.01-012 .12 Brisset, P. Versichele, D. Bossuyt, E. De Ruyck, L. Sorgeloos, P.
HIGH DENSITY FLOW-THROUGH CULTURING OF BRINE SHRIMP ARTEMIA ON INERT FEEDS - PRELIMINARY RESULTS WITH A MODIFIED CULTURE SYSTEM.
Its Contribution No. 224. 5 p.

03.01-012 .13 Goeyens, L. Post, E. Dehairs, F. Vendenhoudt, A. Baeyens, W.
THE USE OF HIGH PRESSURE LIQUID CHROMATOGRAPHY WITH FLUORIMETRIC DETECTION FOR CHLOROPHYLL A DETERMINATION IN NATURAL EXTRACTS OF CHLOROPIGMENTS AND THEIR DEGRADATION PRODUCTS.
Its Contribution No. 225. 13 p.

03.01-012 .14 Heip, C. Vincx, M. Smol, N. Vranken, G.
THE SYSTEMATICS AND ECOLOGY OF FREE-LIVING MARINE NEMATODES.
Its Contribution No. 226. 31 p.

03.01-012 .15 Léger, P. Sorgeloos, P.
AUTOMATION IN STOCK-CULTURE MAINTENANCE AND JUVENILE SEPARATION OF THE MYSID MYSIDOPSIS BAHIA (MOLENOCK).
Its Contribution No. 228. 9 p.

03.01-012 .16 Mommaerts, J.
THE CALCULATION OF PARTICULATE PRIMARY PRODUCTION IN A STRATIFIED BODY OF WATER USING A MODIFICATION OF THE VOLLENWEIDER FORMULA.
Its Contribution No. 229. 8 p.

03.01-012 .17 Willems, K. Claeys, D.
SYRTICOLA FLANDRICUS N.G., N.SP., A HARPACTOCOID COPEPOD FROM THE SOUTHERN BIGHT OF THE NORTH SEA.
Its Contribution No. 231. 8 p.

06 CANADA

06.05 CANADA. MINISTERE DE L'AGRICULTURE, DES PECHERIES ET DE L'ALIMENTATION, QUEBEC

06.05-058 CARTES DE PECHES EN 1981, CHALUTIERS QUEBECOIS.
FISHING CHARTS OF 1981, QUEBEC TRAWLERS.
Ministere de l'Agriculture, des Pecheries et de l'Alimentation, Quebec, Cahier Special d'Information No. 8, October 1982. 127 p.

06.05-059 Monette, M.
ESSAIS DE CASIERS A HOMARDS MUNIS D'EVENTS D'ECHAPPEMENT (ET ESSAIS DE CASIERS EN METAL ET EN BOIS).
TEST OF LOBSTER TRAPS EQUIPPED WITH ESCAPE VENTS (AND TEST OF METAL AND WOOD TRAPS).
Ministere de l'Agriculture, des Pecheries et de l'Alimentation, Quebec, Cahier Special d'Information No. 100, May 1982. 37 p.

06.09 CANADA. BEDFORD INSTITUTE OF OCEANOGRAPHY, DEPARTMENT OF FISHERIES AND OCEANS

06.09-109 BIO REVIEW '82
Bedford Institute of Oceanography, Department of Fisheries and Oceans, 1982. 93 p.

06.09-110 Neu, H.
SEA STATE DURING THE BREAKUP OF THE OIL TANKER KURDISTAN.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, Report Series BI-R-81-11, July 1981. 26 p.

06.09-111 Amos, C. Asprey, K.
AN INTERPRETATION OF OCEANOGRAPHIC AND SEDIMENT DATA FROM THE UPPER BAY OF FUNDY.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, Report Series BI-R-81-15, September 1981. 445 p.

06.09-112 Bezanson, D. Deveau, T.
AN OCEAN DRIFTER CLEARING HOUSE.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, Report Series BI-R-81-16, October 1982. 54 p.

06.09-113 Smith, S. Katsaros, K.
HUMIDITY EXCHANGE OVER THE SEA.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, Report Series BI-R-81-17, October 1981. 144 p.

06.09-114 Smith, S.
COEFFICIENTS FOR THE SEA-SURFACE WIND STRESS AND HEAT EXCHANGE.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, Report Series BI-R-81-19, December 1981. 36 p.

06.09-115 Bezanson, D.
INVENTORY OF OCEAN DRIFTER RELEASE AND RECOVERY DATA.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CDRHOS 2, 1982. 50 p.

06.09-116 Dobson, D. Petrie, B.
LONG-TERM TEMPERATURE MONITORING PROGRAM 1981.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CDRHOS 6, 1982. 311 p.

06.09-117 Boyce, R.
CALIBRATIONS OF CONDUCTIVITY AND TEMPERATURE FOR THE AANDERAA RCM-5 CURRENT METER.
Bedford Institute of Oceanography,

Department of Fisheries and Oceans, CTRHOS 1, 1982. 33 p.

06.09-118 Mason, C.
PROCEEDINGS: WAVE INFORMATION WORKSHOP, BEDFORD INSTITUTE OF OCEANOGRAPHY - OCTOBER 7, 8, 9, 1980.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 2, 1982. 132 p.

06.09-119 Davidson, L. Lawrence, D.
REVIEW OF EXISTING OIL SPILL TRAJECTORY SCENARIO MODELS.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 9, 1982. 68 p.

06.09-120 Neu, H.
ENERGY LEVELS IN THE NORTH ATLANTIC AND SHIP ROUTING.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 10, 1982. 19 p.

06.09-121 Petrie, B.
ASPECTS OF THE CIRCULATION OF THE NEWFOUNDLAND CONTINENTAL SHELF.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 11, 1982. 81 p.

06.09-122 Neu, H.
11-YEAR DEEP-WATER WAVE CLIMATE OF CANADIAN ATLANTIC WATERS.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 13, 1982. 51 p.

06.09-123 Bellefontaine, L.
ATLAS OF PHYSICAL OCEANOGRAPHIC DATA FOR THE S. ATLANTIC, DRAKE PASSAGE, PACIFIC OCEAN AND CANADIAN ARCTIC - 1970.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 14, 1982. 140 p.

06.09-124 Bellefontaine, L. Pritchard, J. Reiniger, B.
ATLAS OF PHYSICAL OCEANOGRAPHIC DATA FOR THE GULF STREAM SYSTEM - 1972.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 15, 1982. 124 p.

06.09-125 Ross, C.
OVERFLOW '73 - DENMARK STRAIT: VOLUME 3 - TEMPERATURE, SALINITY, AND SIGMA-t SECTIONS.
Bedford Institute of Oceanography, Department of Fisheries and Oceans, CTRHOS 16, 1982. 65 p.

06.16 CANADA. MARINE ENVIRONMENTAL DATA SERVICE

06.16-016 CANADA PLANNED OCEANOGRAPHIC CRUISE PROGRAMS, ATLANTIC, 1982.
Marine Environmental Data Service. 12 p.

06.16-017 Keeley, J.
COMPARISON OF WAVE MEASUREMENTS FROM A SYNTHETIC ARRAY RADAR.
Marine Environmental Data Service. Canadian Technical Report of Hydrography and Ocean Sciences No. 6, July 1982. 31 p.

06.17 CANADA. DEPARTMENT OF THE ENVIRONMENT, INSTITUTE OF OCEAN SCIENCES, PATRICIA BAY

06.17-045 Healey, D. Vandergugten, P. Hansen, W.
OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 53, JANUARY 7-MAY 18, 1972.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 72-12, July 1972, Unpublished Manuscript. 210 p. (WDCA-206.8 A-10)

06.17-046 Jackson, C. Hansen, W. Abbott-Smith, K.
OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 56, JANUARY 5-MAY 16, 1973.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 74-3, March 1974, Unpublished Manuscript. 180 p. (WDCA-206.8 A-11)

06.17-047 Minkley, B. Jackson, C. Abbott-Smith, K.
OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 57, MAY 11-SEPTEMBER 19, 1973.
Department of the Environment,

Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 74-4, April 1974, Unpublished Manuscript. 202 p. (WDCA-206.8 A-11)

06.17-048 Minkley, B. de Jong, C. Marles, E. Jackson, C. Munro, P. Abbott-Smith, K.
OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 58, SEPTEMBER 14, 1973-JANUARY 16, 1974.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 74-5, April 1974, Unpublished Manuscript. 227 p. (WDCA-206.8 A-11)

06.17-049 de Jong, C. Marles, E.
OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 60, 12 APRIL-7 AUGUST 1974.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 74-10, September 1974, Unpublished Manuscript. 281 p. (WDCA-206.8 A-12)

06.17-050 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 75, 30 JULY-16 SEPTEMBER 1976.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 77-2, January 1977, Unpublished Manuscript. 107 p. (WDCA-206.8 A-13)

06.17-051 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 77, 22 OCTOBER-8 DECEMBER 1976.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 77-4, January 1977, Unpublished Manuscript. 120 p. (WDCA-206.8 A-13)

06.17-052 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 78, 3 DECEMBER 1976-13 JANUARY 1977.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 77-7, March 1977, Unpublished Manuscript. 119 p. (WDCA-206.8 A-14)

06.17-053 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 83, 17 JUNE-3 AUGUST 1977.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 77-24, December 1977, Unpublished Manuscript. 166 p. (WDCA-206.8 A-14)

06.17-054 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P (50°N, 145°W), VOLUME 84, 29 JULY-14 SEPTEMBER 1977.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-1, January 1978, Unpublished Manuscript. 167 p. (WDCA-206.8 A-14)

06.17-055 Miyake, M.
OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P DURING MIXED LAYER EXPERIMENT, AUGUST 1, 1978, VOLUME 84-B.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 79-1, 1979, Unpublished Manuscript. 225 p. (WDCA-206.8 A-14)

06.17-056 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 9 SEPTEMBER-26 OCTOBER 1977, VOLUME 85.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-14, 1978, Unpublished Manuscript. 123 p. (WDCA-206.8 A-14)

06.17-057 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 17 OCTOBER-7 DECEMBER 1977, VOLUME 86.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-15, 1978, Unpublished Manuscript. 79 p. (WDCA-206.8 A-14)

06.17-058 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 2 DECEMBER 1977-11 JANUARY 1978, VOLUME 87.

Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-16, 1978, Unpublished Manuscript. 108 p. (WDCA-206.8 A-15)

06.17-059 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 6 JANUARY-15 FEBRUARY 1978, VOLUME 88.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-18, 1978, Unpublished Manuscript. 118 p. (WDCA-206.8 A-15)

06.17-060 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 10 FEBRUARY-29 MARCH 1978, VOLUME 89.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-19, 1978, Unpublished Manuscript. 140 p. (WDCA-206.8 A-15)

06.17-061 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 24 MARCH-10 MAY 1978, VOLUME 90.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-20, 1978, Unpublished Manuscript. 134 p. (WDCA-206.8 A-15)

06.17-062 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 5 MAY-21 JUNE 1978, VOLUME 91.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 78-27, 1978, Unpublished Manuscript. 117 p. (WDCA-206.8 A-15)

06.17-063 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 16 JUNE-2 AUGUST 1978, VOLUME 92.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 79-6, 1979, Unpublished Manuscript. 187 p. (WDCA-206.8 A-15)

06.17-064 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 28 JULY-13 SEPTEMBER 1978, VOLUME 93.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 79-7, 1979, Unpublished Manuscript. 113 p. (WDCA-206.8 A-15)

06.17-065 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 8 SEPTEMBER-26 OCTOBER 1978, VOLUME 94.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 79-8, 1979, Unpublished Manuscript. 134 p. (WDCA-206.8 A-15)

06.17-066 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 20 OCTOBER-6 DECEMBER 1978, VOLUME 95.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 79-9, 1979, Unpublished Manuscript. 100 p. (WDCA-206.8 A-15)

06.17-067 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 1 DECEMBER 1978-10 JANUARY 1979, VOLUME 96.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 79-10, 1979, Unpublished Manuscript. 97 p. (WDCA-206.8 A-15)

06.17-068 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 9 FEBRUARY-29 MARCH 1979, VOLUME 98.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-12, 1981, Unpublished Manuscript. 293 p. (WDCA-206.8 A-16)

06.17-069 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 23 MARCH-10 MAY 1979, VOLUME 99.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-13, 1981, Unpublished Manuscript. 209 p. (WDCA-206.8 A-16)

06.17-070 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 4 MAY-21 JUNE 1979, VOLUME 100.

Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-14, 1981, Unpublished Manuscript. 273 p. (WDCA-206.8 A-16)

06.17-071 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 15 JUNE-2 AUGUST 1979, VOLUME 101.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-15, 1981, Unpublished Manuscript. 261 p. (WDCA-206.8 A-16)

06.17-072 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 27 JULY-13 SEPTEMBER 1979, VOLUME 102.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-16, 1981, Unpublished Manuscript. 297 p. (WDCA-206.8 A-16)

06.17-073 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 7 SEPTEMBER-25 OCTOBER 1979, VOLUME 103.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-17, 1981, Unpublished Manuscript. 251 p. (WDCA-206.8 A-16)

06.17-074 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 19 OCTOBER-6 DECEMBER 1979, VOLUME 104.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-18, 1981, Unpublished Manuscript. 315 p. (WDCA-206.8 A-16)

06.17-075 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 30 NOVEMBER 1979-17 JANUARY 1980, VOLUME 105.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-19, 1981, Unpublished Manuscript. 251 p. (WDCA-206.8 A-16)

06.17-076 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 11 JANUARY 1980-JUNE 1981, VOLUMES 106 TO 118.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-24 (Part 1), 1981, Unpublished Manuscript. 66 p. (WDCA-206.8 A-17)

06.17-077 OCEANOGRAPHIC OBSERVATIONS IN KNIGHT INLET, B.C., VOLUME IV: SALINITY/TEMPERATURE PROFILES, PART IV: 1980-1981.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 79-12(4), 1979, Unpublished Manuscript. 160 p. (WDCA-206.8 E-2)

06.17-078 Huggett, W. Woodward, M.
TIDAL CURRENTS IN JOHNSTONE STRAIT.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-22, 1981. 40 p.

06.17-079 MacNeill, M.
A STUDY OF ANOMALOUS SALINITY AND OXYGEN VALUES IN THE DEEP WATER AT OCEAN STATION P FROM 1960-1976.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 77-9, May 1977, Unpublished Manuscript. 32 p.

06.17-080 OCEANOGRAPHIC OBSERVATIONS AT OCEAN STATION P, 5 JANUARY-15 FEBRUARY 1979, VOLUME 97.
Department of the Environment, Institute of Ocean Sciences, Patricia Bay, Pacific Marine Science Report 81-11, 1981, Unpublished Manuscript. 279 p. (WDCA-206.8 A-16)

07 CHILE

07.03 CHILE. INSTITUTO ANTARTICO CHILENO, SANTIAGO

07.03-022 ANTARTICO BOLETIN CHILENO 2(2), JULIO-DECIEMBRE, 1982.
CHILEAN ANTARCTIC BULLETIN 2(2), JULY-DECEMBER, 1982.
Instituto Antartico Chileno, Santiago. 69 p.

07.03-022 Gallardo, V.
.1 LA CONSERVACION EN LA ANTARTICA.
CONSERVATION IN THE ANTARCTIC.
Its p. 21-26.

07.03-022 Eberhard, P.
.2 FUTURAS INVESTIGACIONES RELACIONADAS CON EL KRILL ANTARTICO.
FUTURE INVESTIGATIONS OF ANTARCTIC KRILL.
Its p. 33-35.

07.03-023 ANTARTICO BOLETIN CHILENO 3(1), ENERO-JUNIO, 1983.
CHILEAN ANTARCTIC BULLETIN 3(1), JANUARY-JUNE, 1983.
Instituto Antartico Chileno, Santiago. 64 p.

07.03-024 SERIE CIENTIFICA, (29), 1982.
SCIENTIFIC SERIES, (29), 1982.
Instituto Antartico Chileno, Santiago. 87 p.

07.06 CHILE. INSTITUTO DE OCEANOLOGIA, UNIVERSIDAD DE VALPARAISO

07.06-006 REVISTA DE BIOLOGIA MARINA 18(1), 1982.
MARINE BIOLOGY REVIEW 18(1), 1982.
Instituto de Oceanologia, Universidad de Valparaiso. 99 p.

07.06-006 Alvial M., A. Avaria P., S.
.1 PROLIFERACION DE PRIMAVERA DEL FITOPLANCTON EN LA BAHIA DE VALPARAISO. II. DINAMICA DE LAS COMUNIDADES.
SPRING BLOOM OF PHYTOPLANKTON IN VALPARAISO BAY. II. DYNAMICS OF THE COMMUNITIES.
Its p. 1-56.

07.06-006 Garreton, M. Balbontin, F.
.2 EFECTO DE LA TEMPERATURA EN EL DESARROLLO EMBRIONARIO Y CRECIMIENTO INICIAL DE LAS LARVAS DE LA SARDINA ESPANOLA, SARDINOPS SAGAX MUSICA, EN CONDICIONES DE LABORATORIO.
EFFECT OF TEMPERATURE ON THE EMBRYONIC DEVELOPMENT AND INITIAL GROWTH OF LARVAE OF THE SPANISH SARDINE, SARDINOPS SAGAX MUSICA, UNDER LABORATORY CONDITIONS.
Its p. 57-71.

07.06-006 Etcheverry D., H. Lopez G., L.
.3 ESTUDIOS QUIMICOS EN MACROCYSTIS PYRIFERA (L.) AG. CONSTITUYENTES INORGANICOS Y ORGANICOS.
CHEMICAL STUDY OF MACROCYSTIS PYRIFERA (L.) FROM THE STANDPOINT OF INORGANIC AND ORGANIC CONSTITUENTS.
Its p. 73-99.

07.06-007 REVISTA DE BIOLOGIA MARINA 18(2), 1982.
MARINE BIOLOGY REVIEW 18(2), 1982.
Instituto de Oceanologia, Universidad de Valparaiso. p. 101-167.

07.06-007 Avaria P., S. Munoz S., P.
.1 PRIMER REGISTRO DE MAREA ROJA PRODUCIDA POR DINOFLAGELADOS TECADOS EN LA BAHIA DE VALPARAISO, CHILE.
FIRST DESCRIPTION OF A RED TIDE CAUSED BY DINOFLAGELLATES IN VALPARAISO BAY, CHILE.
Its p. 101-115.

07.06-007 Navea A., E. Miranda B., O.
.2 CARBONATO DE CALCIO EN MOLUSCOS Y EQUINODERMOS DE ANTOFAGASTA, CHILE.
CALCIUM CARBONATE IN MOLLUSCS AND ECHINODERMS OF ANTOFAGASTA, CHILE.
Its p. 117-128.

07.06-007 Avaria P., S. Munoz S., P.
.3 PRODUCCION ACTUAL, BIOMASA Y COMPOSICION ESPECIFICA DEL FITOPLANCTON DE LA BAHIA DE VALPARAISO EN 1979.
ACTUAL PRODUCTION, BIOMASS AND SPECIFIC COMPOSITION OF PHYTOPLANKTON IN VALPARAISO BAY IN 1979.
Its p. 129-157.

07.06-007 Gorgollon, P. Alfaro, A.
.4 Kuznar, J.
CARACTERIZACION MORFOLOGICA DE UN TUMOR BRANQUIAL EN LA MERLUZA (MERLUCCIUS GAYI GAYI).
MORPHOLOGIC CHARACTERIZATION OF A BRANCHIAL TUMOR IN THE HAKE (MERLUCCIUS GAYI GAYI).
Its p. 159-181.

08 COLOMBIA

08.04 COLOMBIA. MINISTERIO DE DEFENSA NACIONAL, ARMADA NACIONAL

08.04-011 INFORME DATOS OCEANOGRAFICOS, OCEANO II, 16-18 AGOSTO, 1972.
REPORT OF OCEANOGRAPHIC DATA, OCEANO II, 16-18 AUGUST, 1972.
Ministerio de Defensa Nacional, Armada Nacional, Direccion General Maritima y Portuaria, Publication DO-6, 1973. 33 p. (WDCA-108.3 A-14)

08.04-012 CRUCERO OCEANOGRAFICO EN EL CARIBE COLOMBIANO, OCEANO I - 1969, RESULTADOS PRELIMINARES.
OCEANOGRAPHIC CRUISES IN THE COLOMBIAN CARIBBEAN SEA, OCEANO I - 1969, PRELIMINARY RESULTS.
Ministerio de Defensa Nacional, Armada Nacional, Publication DO-1, 1970. 97 p. (WDCA-108.3 A-5)

08.04-013 INFORME DATOS OCEANOGRAFICOS, CICAR II, 14-30 OCTOBER, 1972.
REPORT OF OCEANOGRAPHIC DATA, CICAR II, 14-30 OCTOBER, 1972.
Ministerio de Defensa Nacional, Armada Nacional, Direccion General Maritima y Portuaria, Publication DO-7, 1973. 22 p. (WDCA-108.3 A-3)

08.07 COLOMBIA, CENTRO COLOMBIANO DE DATOS OCEANOGRAFICOS

08.07-003 INFORMES OCEANOGRAFICOS, CRUCERO PACIFICO IV - AREA I.
OCEANOGRAPHIC REPORTS, PACIFIC CRUISE IV - AREA I.
Centro Colombiano de Datos Oceanograficos, No. 5, 1981. 142 p. (WDCA-108.3 A-12)

08.07-004 INFORMES OCEANOGRAFICOS, CRUCERO OCEANO IV - AREAS 2 Y 3.
OCEANOGRAPHIC REPORTS, CRUISE OCEANO IV - AREAS 2 AND 3.
Centro Colombiano de Datos Oceanograficos, No. 6, 1982. 84 p. (WDCA-108.3 A-13)

11 FINLAND

11.03 FINLAND. FINNISH GAME AND FISHERIES RESEARCH INSTITUTE

11.03-019 FINNISH FISHERIES RESEARCH, 4, 1982.
Finnish Game and Fisheries Research Institute. 68 p.

11.03-019 .1 Sjoblom, V. Parmanne, R.
ABUNDANCE OF BALTIC HERRING AND SPRAT OFF THE COAST OF FINLAND IN 1956-68 AND 1975-78 ACCORDING TO EXPLORATORY FISHING WITH PELAGIC TRAWL.
Its p. 14-19.

11.03-019 .2 Parmanne, R. Sjoblom, V.
ABUNDANCE, MORTALITY AND PRODUCTION OF SPRING-SPAWNING BALTIC HERRING LARVAE IN THE SEAS AROUND FINLAND IN 1979.
Its p. 20-26.

11.03-019 .3 Hudd, R.
FEEDING OF BALTIC HERRING LARVAE IN THE GULF OF FINLAND.
Its p. 27-34.

11.03-019 .4 Axell, M.
FEEDING OF COD IN THE ALAND SEA AND ITS INFLUENCE ON THE STOCKS OF HERRING AND SPRAT.
Its p. 35-39.

11.03-019 .5 Ikonen, E.
MIGRATION OF RIVER-SPAWNING WHITEFISH IN THE GULF OF FINLAND.
Its p. 40-45.

11.03-020 TIEDONANTOJA, (19), 1982.
BULLETIN, (19), 1982.
Finnish Game and Fisheries Research Institute. 118 p.

11.03-021 TIEDONANTOJA, (20), 1982.
BULLETIN, (20), 1982.
Finnish Game and Fisheries Research Institute. 66 p.

11.03-021 .1 Sjoblom, V. Niskanen, P. Parmanne, R. Toivonen, J.
CATCH QUOTAS FOR HERRING AND SPRAT IN 1982 AND CHANGES IN THE INTERNATIONAL RULES FOR THE BALTIC SEA FISHERIES.
Its p. 14-17.

11.03-021 .2 Hilden, M. Hudd, R. Lehtonen, H.
THE EFFECTS OF HUMAN ACTIVITIES ON THE ENVIRONMENT TO FISHERIES AND ON FISH STOCKS IN THE FINNISH SIDE OF THE GULF OF BOTHNIA AND ARCHIPELAGO SEA.
Its p. 36-59.

11.03-022 TIEDONANTOJA, (21), 1983.
BULLETIN, (21), 1983.
Finnish Game and Fisheries Research Institute. 129 p.

11.03-023 Parmanne, R. Sjoblom, V.
THE ABUNDANCE OF SPRING SPAWNING BALTIC HERRING LARVAE IN THE SEAS AROUND FINLAND IN 1981 AND THE EFFECT OF ZOOPLANKTON ABUNDANCE ON THE HERRING YEAR CLASS STRENGTH.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:17, 1982. 14 p.

11.03-024 Aro, E. Sjoblom, V. Hudd, R.
THE ABUNDANCE OF O-GROUP BALTIC HERRING OFF THE COAST OF FINLAND IN 1979-81 ACCORDING TO EXPLORATORY FISHING WITH ISAACS-KIDD MID-WATER TRAWL.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:18, 1982. 10 p.

11.03-025 Parmanne, R. Sjoblom, V.
RECAPTURES OF BALTIC HERRING TAGGED OFF THE COAST OF FINLAND IN 1975-81.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:19, 1982. 12 p.

11.03-026 Aro, E. Sjoblom, V.
THE ABUNDANCE OF BALTIC HERRING AND SPRAT ACCORDING TO ECHO COUNTING IN THE SEAS AROUND FINLAND IN 1981.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:20, 1982. 13 p.

11.03-027 Parmanne, R. Sjoblom, V.
FISHING EFFORT AND CATCH PER UNIT OF EFFORT OF BALTIC HERRING AND SPRAT IN FINNISH FISHERIES IN 1976-80.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:21, 1982. 29 p.

11.03-028 Parmanne, R. Sjoblom, V.
ABUNDANCE OF SPRAT EGGS AND LARVAE IN THE NORTHERN BALTIC IN 1981.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:22, 1982. 8 p.

11.03-029 Aro, E. Sjoblom, V.
THE ABUNDANCE OF COD IN THE SEAS AROUND FINLAND IN 1974-81.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:23, 1982. 9 p.

11.03-030 Aro, E. Sjoblom, V.
FISHING EFFORT AND CATCH PER UNIT OF EFFORT OF COD IN FINNISH FISHERIES IN 1976-80.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:24, 1982. 16 p.

11.03-031 Aro, E. Sjoblom, V.
STOCK ASSESSMENT OF FLOUNDER OFF THE COAST OF FINLAND IN 1975-81.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:25, 1982. 15 p.

11.03-032 Aro, E. Sjoblom, V.
THE ABUNDANCE OF O-GROUP AND 1-YEAR-OLD FLOUNDER OFF THE COAST OF FINLAND IN 1978-81 ACCORDING TO EXPLORATORY FISHING WITH A BEACH SEINE.
Finnish Game and Fisheries Research Institute. ICES, Baltic Fish Committee, CM J:26, 1982. 8 p.

11.03-033 Ikonen, E. Toivonen, J. Auvinen, H.
REPORT ON THE RESULTS OF THE BALTIC SEA TROUT TAGGING EXPERIMENT.
Finnish Game and Fisheries Research Institute. ICES, Anadromous and Catadromous Fish Committee, CM M:36, 1982. 3 p.

11.03-034 Ikonen, E. Toivonen, J. Auvinen, H.
ANNUAL REPORT ON THE RESULTS OF THE BALTIC SEA TROUT TRANSFER EXPERIMENT.
Finnish Game and Fisheries Research Institute. ICES, Anadromous and Catadromous Fish Committee, CM M:37, 1982. 3 p.

11.03-035 Ikonen, E. Auvinen, H.
RESULTS OF STOCKING WITH BALTIC SALMON IN FINLAND IN 1969-1980.
Finnish Game and Fisheries Research Institute. ICES, Anadromous and Catadromous Fish Committee, CM M:38, 1982. 19 p.

11.03-036 Ikonen, E. Auvinen, H.
RESULTS OF FINNISH STOCKING WITH SEA TROUT (SALMO TRUTTA M. TRUTTA) IN THE BALTIC SEA IN 1971-1980.
Finnish Game and Fisheries Research Institute. ICES, Anadromous and Catadromous Fish Committee, CM M:39, 1982. 13 p.

11.03-037 Toivonen, J. Jutila, E.
REPORT ON PARR POPULATION DENSITIES, TAGGING EXPERIMENTS AND RIVER CATCHES OF THE SALMON STOCK OF THE RIVER SIMIJOKI IN 1972-1980.
Finnish Game and Fisheries Research Institute. ICES, Anadromous and Catadromous Fish Committee, CM M:40, 1982. 16 p.

11.03-038 Salmi, J. Ikonen, E.
FOOD AND FEEDING OF SALMON IN THE BOTHNIAN SEA.
Finnish Game and Fisheries Research Institute. ICES, Anadromous and Catadromous Fish Committee, CM M:41, 1982. 6 p.

11.03-039 FIN-CLIPPING AND MICROTAGGING OF SALMON IN THE BALTIC SEA.
Finnish Game and Fisheries Research Institute. ICES, Anadromous and Catadromous Fish Committee, CM M:42, 1982. 2 p.

12 TAIWAN

12.02 TAIWAN. INSTITUTE OF OCEANOGRAPHY, NATIONAL TAIWAN UNIVERSITY

12.02-012 ACTA OCEANOGRAPHICA TAIWANICA, (13), DECEMBER 1982.
Institute of Oceanography, National Taiwan University. 263 p.

12.02-012 .1 Hung, T. Chuang, A. Chou, B. Cheng, T.
RELATIONSHIPS AMONG POC, ATP, CHLOROPHYLL α AND PRIMARY PRODUCTIVITY IN THE SEA WATER ALONG TAIWAN WESTERN COAST.
Its p. 109-123.

12.02-012 .2 Chern, C.
A PRELIMINARY STUDY ON THE RESPONSE OF TAIWAN STRAIT TO WINTER MONSOON.
Its p. 124-139.

12.02-012 .3 Fan, K.
A STUDY OF WATER MASSES IN TAIWAN STRAIT.
Its p. 140-153.

12.02-012 .4 Li, H.
A STUDY OF TYPHOON SURGE ALONG THE SOUTHWESTERN COAST OF TAIWAN.
Its p. 154-166.

12.02-012 .5 Yang, R. Dai, C.
CORAL COMMUNITIES IN YEN-LIAO BAY, TAIWAN.
Its p. 167-180.

12.02-012 .6 Chiang, Y. Chen, C.
THE GENUS LIAGORA OF TAIWAN.
Its p. 181-196.

12.02-012 .7 Chiu, T. Liu, H.
AGE COMPOSITION AND TOTAL MORTALITY COEFFICIENT OF NEMIPTERUS VIRGATUS (HOUTTUYN), IN THE NORTHERN PART OF THE SOUTH CHINA SEA.
Its p. 197-214.

12.02-012 .8 Yeh, S. Chiu, T.
STANDARDIZATION OF FISHING EFFORT OF THE TAIWANESE PAIR TRAWL FISHERY OFF NORTHERN AUSTRALIA.
Its p. 215-225.

12.02-012 .9 Yeh, S. Bledsoe, L. Low, L.
A STUDY ON THE SPECIES AFFINITY GROUPS OF THE GROUNDFISH COMMUNITIES IN THE SUNDA SHELF AREA.
Its p. 226-245.

12.02-012 .10 Liu, H. Yeh, S.
GEOGRAPHIC DISTRIBUTION OF GROUNDFISH RESOURCES IN THE WATERS OFF NORTHERN AND NORTHWESTERN AUSTRALIA.
Its p. 246-263.

13 FRANCE

13.15 FRANCE. CENTRE NATIONAL POUR L'EXPLOITATION DES OCEANS

13.15-145 RECUEIL ANNUEL DES CAMPAGNES OCEANOGRAPHIQUES FRANCAISES, 1982.
ANNUAL COLLECTION OF FRENCH OCEANOGRAPHIC CRUISES, 1982.
Centre National pour l'Exploitation des Oceans, Bureau National des Donnees Oceaniques. 178 p.

13.21 FRANCE. MUSEUM NATIONAL D'HISTOIRE NATURELLE, LABORATOIRE D'OCEANOGRAPHIE PHYSIQUE

13.21-012 RECUEIL DES TRAVAUX, 18, 1981.
COLLECTED REPRINTS, 18, 1981.
Museum National d'Histoire Naturelle, Laboratoire d'Oceanographie Physique. 159 p.

13.21-012 .1 Bruce, J. Fieux, M. Gonella, J.
A NOTE ON THE CONTINUANCE OF THE SOMALI EDDY AFTER THE CESSATION OF THE SOUTHWEST MONSOON.
Its Contribution No. 463. 3 p.

13.21-012 .2 Crepon, M. Hua, B. Richez, C. Renouard, D. Thomasset, F.
ANALYTICAL NUMERICAL AND TANK-EXPERIMENT STUDIES OF TRANSIENT UPWELLING GENERATED BY TWO DIMENSIONAL ATMOSPHERIC FORCING AND BY ALONG-SHORE VARIABILITY.
Its Contribution No. 464. 8 p.

13.21-012 .3 Cresswell, G. Fieux, M. Gonella, J.
THE WYRTKI EQUATORIAL JET, MAY/JUNE 1980.
Its Contribution No. 466. 1 p.

13.21-012 .4 Gonella, J. Fieux, M. Philander, S.
MISE EN EVIDENCE D'ONDES DE ROSSBY EQUATORIALES DANS L'OCEAN INDIEN AU MOYEN DE BOUEES DERIVANTES.
EVIDENCE FOR EQUATORIAL ROSSBY WAVES IN THE INDIAN OCEAN OBTAINED BY MEANS OF DRIFTING BUOYS.
Its Contribution No. 470. 3 p.

13.21-012 .5 Lacombe, H. Gascard, J. Gonella, J. Bethoux, J.
RESPONSE OF THE MEDITERRANEAN TO THE WATER AND ENERGY FLUXES ACROSS ITS SURFACE, ON SEASONAL AND INTERANNUAL SCALES.
Its Contribution No. 476. 9 p.

13.21-012 .6 Lamy, A. Millot, C. Molines, J.
BOTTOM PRESSURE AND SEA LEVEL MEASUREMENTS IN THE GULF OF LIONS.
Its Contribution No. 478. 18 p.

13.21-012 .7 Merle, J.
OCEAN ET CLIMAT - LES FONCTIONS THERMIQUES DE L'OCEAN DANS LA DYNAMIQUE DU CLIMAT. UNE REVUE DES IDEES ACTUELLES.
OCEAN AND CLIMATE. THERMAL FUNCTIONS OF THE OCEAN AND CLIMATIC DYNAMICS. A REVIEW OF RECENT IDEAS.
Its Contribution No. 480. 11 p.

13.21-012 .8 Merle, J.
LE PROGRAMME "FOCAL," PROGRAMME FRANCAIS "OCEAN ET CLIMAT" DANS L'ATLANTIQUE EQUATORIAL.
THE "FOCAL" PROGRAM, FRENCH PROGRAM "OCEAN AND CLIMATE" IN THE EQUATORIAL ATLANTIC.
Its Contribution No. 481. 8 p.

13.21-012 .9 Millot, C. Crepon, M.
INERTIAL OSCILLATIONS ON THE CONTINENTAL SHELF OF THE GULF OF LIONS.
Its Contribution No. 483. 19 p.

13.21-012 .10 Millot, C. Broyard, R. Metais, O. Tine, J.
LES OSCILLATIONS PROPRES DE LA RADE DE TOULON.
THE SEICHES OF THE RADE DE TOULON.
Its Contribution No. 484. 4 p.

13.21-012 .11 Millot, C.
ANALYSE D'UNE ZONE D'UPWELLING PAR TELEDETECTION.
REMOTE SENSING ANALYSIS OF AN UPWELLING ZONE.
Its Contribution No. 485. 4 p.

13.21-012 .12 Millot, C.
TOURBILLONS DE MOYENNE ECHELLE DANS LE GOLFE DU LION ET LA MER LIGURE.
EDDIES MEASURED IN THE GULF OF

LIONS AND THE LIGURIAN SEA.
Its Contribution No. 486. 2 p.

13.21-012 .13 Millot, C. Wald, L.
INFRA-RED REMOTE SENSING IN THE GULF OF LIONS.
Its Contribution No. 487. 5 p.

13.21-012 .14 Millot, C. Wald, L.
UPWELLING IN THE GULF OF LIONS.
Its Contribution No. 488. 7 p.

13.21-012 .15 Saint-Guily, B.
NOTE SUR LA STRUCTURE DISCONTINUE DES "UPWELLINGS" DANS LE GOLFE DU LION.
THE DISCONTINUOUS STRUCTURE OF THE "UPWELLINGS" IN THE GULF OF LIONS.
Its Contribution No. 490. 2 p.

13.21-012 .16 Soares, G.
LES CHAMPS SUPERFICIELS DE TEMPERATURE ET LES COURANTS (GEK) DANS LE GOLFE DU LION PENDANT COBLAMED 76, CROISIERE DU N.O. "CAPRICORNE."
SURFACE PATTERNS OF TEMPERATURE AND CURRENT (GEK) IN THE GULF OF LIONS OBTAINED DURING COBLAMED 76, R/V CAPRICORNE CRUISE.
Its Contribution No. 491. 11 p.

13.24 FRANCE. SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE, PARIS

13.24-018 ANNALES HYDROGRAPHIQUES. 10, 1982.
HYDROGRAPHIC ANNALS, 10, 1982.
Service Hydrographique et Oceanographique de la Marine, Paris, No. 757, Series 5. 138 p.

13.24-018 .1 Saint-Guily, B.
ONDES DE FRONTIERE DANS UNE MER STRATIFIEE DONT LE FOND EST INCLINE.
EDGE WAVES IN A STRATIFIED SEA WITH SLOPING FLOOR.
Its p. 7-12.

13.24-018 .2 Fornerino, M. Chabert d'Hieres, G.
ETUDE DES COURANTS DE LA MAREE M_2 DANS LA MANCHE A L'AIDE DU MODELE REDUIT DE GRENOBLE.
STUDY OF M_2 TIDAL CURRENTS IN THE ENGLISH CHANNEL USING THE GRENOBLE REDUCED MODEL.
Its p. 13-31.

13.24-018 .3 Simon, B.
PREDICTION DE LA MAREE A BREST.
TIDAL PREDICTION FOR BREST.
Its p. 33-50.

13.24-018 .4 Champagne-Phillippe Guevel, D. Frouin, R.
ETUDE DU FRONT DE MALTE A PARTIR DE DONNEES DE TELEDETECTION ET DE MESURES IN-SITU.
STUDY OF THE MALTA FRONT USING TELEDETECTION AND BY IN-SITU MEASUREMENTS.
Its p. 65-98.

13.00 FRANCE. MISCELLANEOUS

13.00-051 VIE ET MILIEU 31(2), JUIN 1981.
LIFE AND MILIEU 31(2), JUNE 1981.
Bulletin du Laboratoire Arago, Universite de Paris. p. 101-194.

13.00-051 .1 Charmantier, G. Manier, J.
ECOLOGICAL RELATIONS BETWEEN SPHAEROMA SERRATUM (FABRICIUS, 1787) (CRUSTACEA, ISOPODA, FLABELLIFERA) AND ITS INTESTINAL COMMENSAL PALAVASCIA SPHAEROMAE TUZET AND MANIER 1948 EX MANIER 1968 (TRICHOMYCETES, ECCRINALES, PALAVASCIACEAE).
Its p. 101-111.

13.00-051 .2 Cosson, J. Thouin, F.
A STUDY OF THE MACROPHYTOBENTHOS IN THE SEINE BAY: PROBLEMS IN METHODOLOGY.
Its p. 113-118.

13.00-051 .3 Ibarra O., S.
THE PART PLAYED BY MICRO- AND NANOPHYTOPLANKTON IN THE PRIMARY PRODUCTION OF A COASTAL ZONE IN THE NORTH-WEST MEDITERRANEAN.
Its p. 119-128.

13.00-051 .4 Ortea, J. Urgorri, V.
RUNCINA FERRUGINAE, KRESS 1977 AND PRUVOTFOLIA PSELLIOTES (LABBE 1923) IN THE IBERIAN WATERS.
Its p. 149-151.

13.00-051 .5 Cottarelli, V. Mura, G.
REMARKS ON THE GENUS AFROLAOPHONTE (CRUSTACEA, COPEPODA, HARPACTICOIDA) AND DESCRIPTION OF THREE NEW SPECIES.
Its p. 153-161.

13.00-051 .6 Moraitou-Apostolopoulou, M.
PLANKTONIC OSTRACODS COLLECTED BETWEEN 1964 AND 1973 FROM DIFFERENT GREEK SEA AREAS.
Its p. 171-176.

13.00-052 VIE ET MILIEU 31(3/4), SEPT.-DEC. 1981.
LIFE AND MILIEU 31(3/4), SEPT.-DEC. 1981.
Bulletin du Laboratoire Arago, Universite de Paris. p. 195-346.

13.00-052 .1 Bachelet, G.
PRELIMINARY DATA ON THE TROPHIC ORGANIZATION IN MARINE BENTHIC ASSEMBLAGE.
Its p. 205-213.

13.00-052 .2 Copello, M. Devos, L. Lafargue, F.
CIONA EDWARDSI (ROULE, 1886) LITTORAL SPECIES OF THE MEDITERRANEAN SEA DISTINCT FROM CIONA INTESTINALIS LINNE, 1767.
Its p. 243-253.

13.00-052 .3 Koukouras, A. Sinis, A.
BENTHIC FAUNA OF THE NORTH AEGEAN SEA. II. CRINOIDEA AND HOLOTHURIOIDAE (ECHINODERMATA).
Its p. 271-281.

13.00-053 VIE ET MILIEU 32(1), MARS 1982.
LIFE AND MILIEU 32(1), MARCH 1982.
Bulletin du Laboratoire Arago, Universite de Paris. 75 p.

13.00-053 .1 Zander, C.
FEEDING ECOLOGY OF LITTORAL GOBIID AND BLENNIOID FISH OF THE BANYULS AREA (MEDITERRANEAN SEA). I. MAIN FOOD AND TROPHIC DIMENSION OF NICHE AND ECOTOPE.
Its p. 1-10.

13.00-053 .2 Razouls, S.
EXPERIMENTAL STUDY OF THE EGG-LAYING OF TWO PELAGIC COPEPODS: TEMORA STYLIFERA AND CENTROPAGES TYPICUS. II. DYNAMICS OF EGG-LAYING.
Its p. 11-20.

13.00-053 .3 Chahsavar-Archad, V. Razouls, C.
PELAGIC COPEPODS FROM THE SOUTH-EAST OF CAPE VERDE ISLANDS. I. QUALITATIVE ASPECTS (GUIDOME CRUISE OF THE N.O. "J. CHARCOT." SEPT.-OCT. 1976).
Its p. 25-45.

13.00-054 VIE ET MILIEU 32(2), JUIN 1982.
LIFE AND MILIEU 32(2), JUNE 1982.
Bulletin du Laboratoire Arago, Universite de Paris. p. 77-134.

13.00-054 .1 Matallanas, J.
NOTES ON THE FEEDING HABITS OF EPIGONUS DENTICULATUS (PISCES, APOGONIDAE) IN THE CATALAN SEA (WESTERN MEDITERRANEAN).
Its p. 77-81.

13.00-054 .2 Chahsavar-Archad, V. Razouls, C.
THE PELAGIC COPEPODS OF CAPE VERDE ISLANDS (CRUISE GUIDOME OF N.O. "J. CHARCOT," SEPT.-OCT. 1976). II. QUANTITATIVE ASPECTS.
Its p. 89-99.

13.00-054 .3 Trave, J.
ON THE PRESENCE OF EUPTERO TEGAEUS ORNATISSIMUS (BERLESE, 1908) (ACARIA ORIBATIDAE) IN CATALONIA AND ITS DISTRIBUTION.
Its p. 101-104.

13.00-054 .4 Accino, R. Munoz-Chapuli, R.
TWO CATCHES OF CARCHARHINUS LEUCAS (VALENCIENNES, 1841) CAPTURED IN TROPICAL WESTERN AFRICA.
Its p. 111-113.

13.00-054 .5 Meinesz, A. Astier, J. Bodoy, A. Cristiani, G. Lefevre, J.
IMPACT OF COASTAL DEVELOPMENT ON THE INFRALITTORAL ZONE OF BOUCHES-DU-RHONE (FRANCE - WESTERN MEDITERRANEAN COASTS).
Its p. 115-124.

14 GERMANY (FEDERAL REPUBLIC)

14.02 GERMANY. DEUTSCHES HYDROGRAPHISCHES INSTITUT

14.02-138 BEOBACHTUNGEN AUF DEN DEUTSCHEN FEUERSCHIFFEN DER NORD- UND OSTSEE IM JAHRE 1981 SOWIE MONATSMITTELWERTE VON TEMPERATUR UND SALZGEHALT DES JAHRES 1981.

OBSERVATIONS ON THE GERMAN LIGHT-SHIPS IN THE NORTH AND BALTIC SEAS IN 1981 AS WELL AS MONTHLY MEAN TEMPERATURE AND SALINITY VALUES FROM 1981.
Deutsches Hydrographisches Institut, Hamburg, Meereskundliche Beobachtungen und Ergebnisse, No. 2149/25, 1982. 128 p. (WDCA-214.1)

14.02-139 DEUTSCHE HYDROGRAPHISCHE ZEITSCHRIFT 35(3), 1982.
GERMAN HYDROGRAPHICAL JOURNAL 35(3), 1982.
Deutsches Hydrographisches Institut, Hamburg. p. 93-134.

14.02-139 .1 Praagman, N.
COMPARISON OF NUMERICAL MODELS FOR THE COMPUTATION OF RESIDUAL CURRENTS IN COASTAL SEAS.
Its p. 93-113.

14.02-139 .2 Gienapp, H.
OPTICAL PROPERTIES OF SEAWATER IN THE GERMAN BIGHT AND THE MOUTH OF THE ELBE; THE 1978 CZCS PRE-LAUNCH EXPERIMENT OF THE DEUTSCHES HYDROGRAPHISCHES INSTITUT (DHI). PART 1.
Its p. 115-134.

14.02-140 DEUTSCHE HYDROGRAPHISCHE ZEITSCHRIFT 35(4), 1982.
GERMAN HYDROGRAPHICAL JOURNAL 35(4), 1982.
Deutsches Hydrographisches Institut, Hamburg. p. 135-186.

14.02-140 .1 Gienapp, H.
OPTICAL PROPERTIES OF SEAWATER IN THE GERMAN BIGHT AND THE MOUTH OF THE ELBE; THE 1978 CZCS PRE-LAUNCH EXPERIMENT OF THE DEUTSCHES HYDROGRAPHISCHES INSTITUT (DHI). PART 2.
Its p. 135-168.

14.02-140 .2 Wedekind, C.
TRITIUM DISTRIBUTION AND SPREADING IN THE NORTH SEA AND THE BALTIC SEA IN 1980/81, AS WELL AS IN THE SURFACE WATER OF THE NORTH ATLANTIC IN 1979.
Its p. 177-186.

14.02-141 DEUTSCHE HYDROGRAPHISCHE ZEITSCHRIFT 35(5), 1982.
GERMAN HYDROGRAPHICAL JOURNAL 35(5), 1982.
Deutsches Hydrographisches Institut, Hamburg. p. 187-222.

14.02-142 DEUTSCHE HYDROGRAPHISCHE ZEITSCHRIFT 35(6), 1982.
GERMAN HYDROGRAPHICAL JOURNAL 35(6), 1982.
Deutsches Hydrographisches Institut, Hamburg. p. 223-270.

14.02-142 .1 Duwe, K. Hewer, R.
EIN SEMI-IMPLIZITES GEZEITEN-MODELL FUER WATTGEBIETE.
A SEMI-IMPLICIT TIDAL MODEL FOR WADDEN SEA AREAS.
Its p. 223-238.

14.02-142 .2 Gienapp, H.
COMPARISON OF MARINE OPTICAL MEASUREMENT RESULTS IN THE GERMAN BIGHT WITH A LANDSAT-SCENE (1.10.1979) PERFORMED AT VERY SIMILAR WEATHER CONDITIONS.
Its p. 251-260.

14.02-142 .3 Heath, R.
GENERATION OF THE M4 TIDE IN COOK STRAIT, NEW ZEALAND.
Its p. 261-270.

14.02-143 DEUTSCHE HYDROGRAPHISCHE ZEITSCHRIFT 36(1), 1983.
GERMAN HYDROGRAPHICAL JOURNAL 36(1), 1983.
Deutsches Hydrographisches Institut, Hamburg. 43 p.

14.02-143 .1 Lees, B.
OBSERVATIONS OF TIDAL AND RESIDUAL CURRENTS IN THE SIZEWELL-DUNWICH AREA, EAST ANGLIA, UK.
Its p. 1-24.

14.02-143 .2 Szekielda, K.
SATELLITE INVESTIGATIONS ON THE FLUCTUATIONS OF THE SUBTROPICAL AND ANTARCTIC CONVERGENCE ZONES.
Its p. 25-43.

14.02-144 JAHRESBERICHT 1981.
ANNUAL REPORT 1981.
Deutsches Hydrographisches Institut, Hamburg. 119 p.

14.03 GERMANY. UNIVERSITAT HAMBURG

14.03-028 HYDROTHERMODYNAMIC MODELLING OF NATURAL WATERS. PROCEEDINGS OF

THE THIRD INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICAL MODELLING.
Universitat Hamburg, No. 26, 1983. 301 p.

14.03-029 GESAMMELTE SONDERDRUCKE, BAND 10, 1981.
COLLECTED REPRINTS, 10, 1981.
Universitat Hamburg, Institut fur Hydrobiologie und Fischereiwissenschaft, 1981. 252 p.

14.03-029 .1 Bias, R.
CADMIUM UPTAKE RATES IN EURYHALINE AMPHIPODS OF THE ELBE ESTUARY. EXPERIMENTS WITH COROPHIUM VOLUTATOR (PALLAS) (AMPHIPODA, COROPHIIDAE).
Its 69 p.

14.03-029 .2 Caspers, H.
EXPERIMENTS FOR A PREDICTION OF THE EFFECTS FROM ARTIFICIAL HEATING IN AN ESTUARINE SYSTEM.
Its 6 p.

14.03-029 .3 Caspers, H.
LONG-TERM CHANGES IN BENTHIC FAUNA RESULTING FROM SEWAGE SLUDGE DUMPING INTO THE NORTH SEA.
Its 19 p.

14.03-029 .4 Caspers, H.
TEN YEAR STUDIES ON MARINE POLLUTION AS PART OF A PRIORITY PROGRAM SPONSORED BY THE GERMAN RESEARCH SOCIETY.
Its 16 p.

14.03-029 .5 Schnack, D.
STUDIES ON THE MORTALITY OF PACIFIC HEARRING LARVAE DURING THEIR EARLY DEVELOPMENT, USING ARTIFICIAL IN SITU CONTAINMENTS.
Its 8 p.

14.03-029 .6 Saville, A. Schnack, D.
OVERVIEW - SOME THOUGHTS ON THE CURRENT STATUS OF FISH EGG AND LARVAL DISTRIBUTION AND ABUNDANCE.
Its 5 p.

14.03-029 .7 Schnack, D. Bottger, R.
INTERRELATION BETWEEN INVERTEBRATE PLANKTON AND LARVAL FISH DEVELOPMENT IN THE SCHLEI FJORD, WESTERN BALTIC.
Its 9 p.

14.03-029 .8 Tent, L.
THE AUFWUCHS IN HAMBURG HARBOR. THE STRUCTURE OF A HIGHLY STRESSED BIOTIC COMMUNITY IN THE ELBE ESTUARY.
Its 58 p.

14.03-029 .9 Thiel, H.
BENTHIC INVESTIGATIONS OF THE DEEP RED SEA. CRUISE REPORTS: R.V. "SONNE" - MESEDA I (1977), R.V. "VALDIVIA" - MESEDA II (1979).
Its 35 p.

14.03-029 .10 Thiel, H.
DEEP-SEA RESEARCH FOR THE PROTECTION OF THE RED SEA.
Its 4 p.

14.03-029 .11 Weinberg, R.
ON THE FOOD AND FEEDING HABITS OF PANDALUS BOREALIS KROYER.
Its 15 p.

14.04 GERMANY. UNIVERSITAT KIEL, INSTITUT FUR MEERESKUNDE

14.04-005 COLLECTED REPRINTS, 1980.
Universitat Kiel, Institut fur Meereskunde, ISSN 0171-6220. 684 p.

14.04-005 .1 Adelung, D. Seifert, P. Buchholz, F.
UNTERSUCHUNG ZUR IDENTIFIZIERUNG UND WIRKUNG DES SEXUALPHEROMONS DER STRANDKRABBE CARCINUS MAENAS.
STUDIES ON THE IDENTIFICATION AND THE ACTION OF THE SEXUAL PHEROMONE OF THE SHORE CRAB CARCINUS MAENAS.
Its Contribution No. 1. 1 p.

14.04-005 .2 Asmus, H. Theede, H. Neuhoff, H. Schramm, W.
THE ROLE OF EPIBENTHIC MACROFAUNA IN THE OXYGEN BUDGET OF ZOSTERA COMMUNITIES FROM THE BALTIC SEA.
Its Contribution No. 3. 13 p.

14.04-005 .3 Bagenal, T. Nellen, W.
SAMPLING EGGS, LARVAE AND JUVENILE FISH.
Its Contribution No. 4. 24 p.

14.04-005 .4 Balzer, W.
REDOX DEPENDENT PROCESSES IN THE TRANSITION FROM OXIC TO ANOXIC

CONDITIONS: AN IN SITU STUDY CONCERNING REMINERALIZATION, NUTRIENT RELEASE AND HEAVY METAL SOLUBILIZATION.
Its Contribution No. 5. 7 p.

14.04-005 .5 Balzer, W.
CALCIUM CARBONATE SATUROMETRY BY ALKALINITY DIFFERENCE MEASUREMENT.
Its Contribution No. 6. 7 p.

14.04-005 .6 Balzer, W.
ORGANIC SULPHUR IN THE MARINE ENVIRONMENT.
Its Contribution No. 7. 20 p.

14.04-005 .7 Brockmann, C. Fahrbach, E. Huyer, A. Smith, R.
THE POLEWARD UNDERCURRENT ALONG THE PERU COAST: 5 TO 15°S.
Its Contribution No. 10. 10 p.

14.04-005 .8 Buchholz, C. Adelung, D.
THE ULTRASTRUCTURAL BASIS OF STEROID PRODUCTION IN THE Y-ORGAN AND MANDIBULAR ORGAN OF THE CRABS HEMIGRAPSUS NUDUS (DANA) AND CARCINUS MAENAS L.
Its Contribution No. 12. 12 p.

14.04-005 .9 Derenbach, J. Boland, W. Folster, E. Muller, D.
INTERFERENCE TESTS WITH THE PHEROMONE SYSTEM OF THE BROWN ALGA CUTLERIA MULTIFIDA.
Its Contribution No. 13. 5 p.

14.04-005 .10 Derenbach, J. Gereck, M.
INTERFERENCE OF PETROLEUM HYDROCARBONS WITH THE SEX PHEROMONE REACTION OF FUCUS VESICULOSUS (L.).
Its Contribution No. 14. 5 p.

14.04-005 .11 Ehrhardt, M. Derenbach, J.
PHTHALATE ESTERS IN THE KIEL BIGHT.
Its Contribution No. 15. 8 p.

14.04-005 .12 Ehrhardt, M. Osterroht, Ch. Petrick, G.
FATTY-ACID METHYL ESTERS DISSOLVED IN SEAWATER AND ASSOCIATED WITH SUSPENDED PARTICULATE MATERIAL.
Its Contribution No. 16. 10 p.

14.04-005 .13 Freytag, G.
LENGTH, AGE AND GROWTH OF NOTOTHENIA ROSSII MARMORATA FISCHER 1885 IN THE WEST ANTARCTIC WATERS.
Its Contribution No. 17. 28 p.

14.04-005 .14 Freytag, G.
PROBLEMS IN AGEING NOTOTHENIA ROSSII MARMORATA.
Its Contribution No. 18. 9 p.

14.04-005 .15 Hallberg, E. Hirche, H.
DIFFERENTIATION OF MID-GUT IN ADULTS AND OVER-WINTERING COPEPODIDS OF CALANUS FINMARCHICUS (GUNNERUS) AND C. HELGOLANDICUS CLAUS.
Its Contribution No. 19. 13 p.

14.04-005 .16 Hansen, H. Grasshoff, K. Petersen, J.
IN-SITU REGISTRATION OF OXYGEN UTILIZATION AT SEDIMENT-WATER INTERFACES.
Its Contribution No. 20. 8 p.

14.04-005 .17 Hasse, L.
GAS EXCHANGE ACROSS THE AIR-SEA INTERFACE.
Its Contribution No. 22. 12 p.

14.04-005 .18 Hempel, G.
DER FREIRAUM DER MEERESFORSCHUNG WIRD ENGER.
FREE SPACE IN OCEANOGRAPHIC RESEARCH BECOMES SMALLER.
Its Contribution No. 24. 3 p.

14.04-005 .19 Hempel, I. Marschoff, E.
EUPHAUSIID LARVAE IN THE ATLANTIC SECTOR OF THE SOUTHERN OCEAN.
Its Contribution No. 26. 16 p.

14.04-005 .20 Hirche, H.
THE CULTIVATION OF CALANOIDES CARINATUS KROYER (COPEPODA: CALANOIDA) UNDER DIFFERENT TEMPERATURE AND FOOD CONDITIONS - WITH A DESCRIPTION OF EGGS AND NAUPLII.
Its Contribution No. 27. 11 p.

14.04-005 .21 Horstmann, U.
OBSERVATIONS ON THE PECULIAR DIURNAL MIGRATION OF A RED TIDE DINOPHYCEAE IN TROPICAL SHALLOW WATERS.
Its Contribution No. 29. 5 p.

14.04-005 .22 Ulbricht, K. Horstmann, U.
REMOTELY SENSED PHYTOPLANKTON DEVELOPMENT IN THE BALTIC SEA.
Its Contribution No. 30. 8 p.

14.04-005 .23 Hubold, G.
HYDROCRAPHY AND PLANKTON OFF SOUTHERN BRAZIL AND RIO DE LA PLATA, AUGUST-NOVEMBER 1977.
Its Contribution No. 32. 22 p.

14.04-005 .24 Hubold, C.
SECOND REPORT ON HYDROCRAPHY AND PLANKTON OFF SOUTHERN BRAZIL AND RIO DE LA PLATA; AUTUMN CRUISE: APRIL-JUNE 1978.
Its Contribution No. 33. 20 p.

14.04-005 .25 John, H. Bohde, U. Nellen, W.
SARDINA PILCHARDUS LARVAE IN THEIR SOUTHERNMOST RANGE.
Its Contribution No. 37. 19 p.

14.04-005 .26 Joyce, T.
ON PRODUCTION AND DISSIPATION OF THERMAL VARIANCE IN THE OCEANS.
Its Contribution No. 38. 4 p.

14.04-005 .27 Joyce, T. Kase, R. Zenk, W.
HORIZONTAL ADVECTION OF TEMPERATURE IN THE SEASONAL THERMOCLINE DURINC JASIN 1978.
Its Contribution No. 39. 5 p.

14.04-005 .28 Kaminski, E.
UBER FUNDE VON ENTEROMORPHA JUGOSLAVICA BLIDINC IN DER KIELER FORDE (WESTL. OSTSEE).
FINDINCS OF ENTEROMORPHA JUCOSLAVICA BLIDING IN THE KIEL FJORD (WESTERN BALTIC).
Its Contribution No. 40. 4 p.

14.04-005 .29 Kielmann, J. Kowalik, Z.
A BOTTOM STRESS FORMULATION FOR STORM SURCE PROBLEMS.
Its Contribution No. 41. 8 p.

14.04-005 .30 Krauss, W.
GOLFSTROM UND NORDOSTATLANTISCHE WARMEANOMALIE.
THE GULF STREAM AND THE NORTHEAST ATLANTIC HEAT ANOMALY.
Its Contribution No. 42. 8 p.

14.04-005 .31 Krauss, W.
BASIC HYDRODYNAMICS AND THERMODYNAMICS.
Its Contribution No. 43. 11 p.

14.04-005 .32 Kuhlmann, D. Quantz, C.
SOME EFFECTS OF TEMPERATURE AND SALINITY ON THE EMBRYONIC DEVELOPMENT AND INCUBATION TIME OF THE TURBOT, SCOPHTHALAMUS MAXIMUS L., FROM THE BALTIC SEA.
Its Contribution No. 46. 7 p.

14.04-005 .33 Liebezeit, G. Bolter, M. Brown, I. Dawson, R.
DISSOLVED FREE AMINO ACIDS AND CARBOHYDRATES AT PYCNOCLINE BOUNDARIES IN THE SARCASSO SEA AND RELATED MICROBIAL ACTIVITY.
Its Contribution No. 50. 6 p.

14.04-005 .34 Macvean, M. Woods, J.
REDISTRIBUTION OF SCALARS DURINC UPPER OCEAN FRONTOCENESIS: A NUMERICAL MODEL.
Its Contribution No. 52. 19 p.

14.04-005 .35 Meincke, J.
NOTE ON TRAJECTORIES OF SATELLITE-TRACKED BUOYS IN THE SOUTHERN OCEAN.
Its Contribution No. 53. 5 p.

14.04-005 .36 Meyer-Reil, L. Faubel, A.
UPTAKE OF ORCANIC MATTER BY MEIOFAUNA ORGANISMS AND INTERRELATIONSHIPS WITH BACTERIA.
Its Contribution No. 55. 6 p.

14.04-005 .37 Mopper, K.
THE MONOSACCHARIDE SPECTRA OF NATURAL WATERS.
Its Contribution No. 57. 12 p.

14.04-005 .38 Moller, H.
A SUMMER SURVEY OF LARCE ZOOPLANKTON, PARTICULARLY SCYPHOMEDUSAE, IN NORTH SEA AND BALTIC.
Its Contribution No. 58. 8 p.

14.04-005 .39 Moller, H.
SCYPHOMEDUSAE AS PREDATORS AND FOOD COMPETITORS OF LARVAL FISH.
Its Contribution No. 59. 11 p.

14.04-005 .40 Moller, H.
POPULATION DYNAMICS OF AURELIA AURITA MEDUSAE IN KIEL BICHT, CERMANY (FRC).
Its Contribution No. 60. 6 p.

14.04-005 .41 Nellen, W.
ALCEN - WASSERFLOHE - STEINBUTTS: FORSCHUNCSARBEITEN ZU EINER FISCHWIRTSCHAFT AM MEER.
ALGAE - WATER FLEAS - TURBOT: RESEARCH WORK ON THE FISHINC INDUSTRY IN THE OCEAN.
Its Contribution No. 61. 8 p.

14.04-005 .42 Nellen, W. Quantz, G. Witt, U. Kuhlmann, D. Koske, P. Lenz, J.
MOGLICHKEITEN UND ASPEKTE DER LARVENAUFZUCHT UND SPEISEFISCH PRODUKTION BEIM STEINBUTT.
POSSIBILITIES AND ASPECTS OF LARVAE CULTIVATION AND FOOD-FISH PRODUCTION OF THE TURBOT.
Its Contribution No. 62. 18 p.

14.04-005 .43 Osterroht, C. Smetacek, V.
VERTICAL TRANSPORT OF CHLORINATED HYDROCARBONS BY SEDIMENTATION OF PARTICULATE MATTER IN KIEL BIGHT.
Its Contribution No. 63. 8 p.

14.04-005 .44 Ponat, A. Adelung, D.
STUDIES TO ESTABLISH AN OPTIMAL DIET FOR CARCINUS MAENAS. II. PROTEIN AND LIPID REQUIREMENTS.
Its Contribution No. 64. 8 p.

14.04-005 .45 Rabsch, U. Elbrachter, M.
CADMIUM AND ZINC UPTAKE, GROWTH, AND PRIMARY PRODUCTION IN COSCINODISCUS GRANII CULTURES CONTAINING LOW LEVELS OF CELLS AND DISSOLVED ORGANIC CARBON.
Its Contribution No. 66. 10 p.

14.04-005 .46 Schneppenheim, R.
CONCENTRATION OF FLUORIDE IN ANTARCTIC ANIMALS.
Its Contribution No. 67. 4 p.

14.04-005 .47 Schnappenheim, R. Theede, H.
ISOLATION AND CHARACTERIZATION OF FREEZING-POINT DEPRESSING PEPTIDES FROM LARVAE OF TENEBRIO MOLITOR.
Its Contribution No. 69. 8 p.

14.04-005 .48 Siedler, G.
WARME- UND IMPULSTRANSPORT IM OBERFLACHENNAHEN OZEAN.
HEAT AND IMPULSE TRANSPORT IN THE UPPER OCEAN.
Its Contribution No. 70. 7 p.

14.04-005 .49 Smetacek, V.
ZOOPLANKTON STANDING STOCK, COPEPOD FAECAL PELLETS AND PARTICULATE DETRITUS IN KIEL BIGHT.
Its Contribution No. 74. 14 p.

14.04-005 .50 Smetacek, V.
ANNUAL CYCLE OF SEDIMENTATION IN RELATION TO PLANKTON ECOLOGY IN WESTERN KIEL BIGHT.
Its Contribution No. 75. 12 p.

14.04-005 .51 Smetacek, V. Von Bodungen, B. Knoppers, B. Neubert, H. Pollehne, F. Zeitzschel, B.
SHIPBOARD EXPERIMENTS ON THE EFFECT OF VERTICAL MIXING OF NATURAL PLANKTON POPULATIONS IN THE CENTRAL BALTIC SEA.
Its Contribution No. 76. 22 p.

14.04-005 .52 Theede, H.
OSMOTISCHE ANPASSUNG BEI MEERESTIEREN.
OSMOTIC ADAPTATION IN MARINE ANIMALS.
Its Contribution No. 78. 3 p.

14.04-005 .53 Theede, H.
PHYSIOLOGICAL RESPONSES OF ESTUARINE ANIMALS TO CADMIUM POLLUTION.
Its Contribution No. 79. 10 p.

14.04-005 .54 Ulrich, J.
DER DEUTSCHE BEITRAG ZUR MORPHOLOGISCHEN ERFORSCHUNG DES MEERESBODENS.
THE GERMAN CONTRIBUTION TO MORPHOLOGICAL RESEARCH OF THE OCEAN FLOOR.
Its Contribution No. 81. 18 p.

14.04-005 .55 Willebrand, J. Meincke, J.
STATISTICAL ANALYSIS OF FLUCTUATIONS IN THE ICELAND-SCOTLAND FRONTAL ZONE.
Its Contribution No. 83. 20 p.

14.04-005 .56 Willebrand, J. Philander, S. Pacanowski, R.
THE OCEANIC RESPONSE TO LARGE-SCALE ATMOSPHERIC DISTURBANCES.
Its Contribution No. 84. 19 p.

14.04-005 .57 Wittstock, R. Siedler, G.
ON THE DETERMINATION OF VERTICAL VELOCITIES IN THE TROPICAL ATLANTIC OCEAN.
Its Contribution No. 85. 8 p.

14.04-005 .58 Woods, J.
DO WAVES LIMIT TURBULENT DIFFUSION IN THE OCEAN?
Its Contribution No. 86. 6 p.

14.04-005 .59 Woods, J.
DIURNAL AND SEASONAL VARIATION OF CONVECTION IN THE WIND-MIXED LAYER OF THE OCEAN.
Its Contribution No. 87. 16 p.

14.04-005 .60 Worthmann, H.
THE EARLY GROWTH STAGES OF THE PESCADA (PLAGIOSCION MONTI SOARES).
Its Contribution No. 88. 12 p.

14.04-005 .61 Zenk, W.
THE SUB-MEDITERRANEAN UNDERCURRENT.
Its Contribution No. 89. 2 p.

14.04-005 .62 Zimmermann, R. Bolter, M. Wolter, K.
ECO-BACTERIOLOGICAL INVESTIGATIONS IN THE NORTHWEST AFRICAN COASTAL UPWELLING AREA.
Its Contribution No. 90. 12 p.

14.04-005 .63 Zeitzschel, B.
SEDIMENT-WATER INTERACTIONS IN NUTRIENT DYNAMICS.
Its Contribution No. 91. 24 p.

14.05 GERMANY. DEUTSCHES OZEANOGRAPHISCHES DATENZENTRUM, HAMBURG

14.05-020 FAHRTEN DEUTSCHER FORSCHUNGSSCHIFFE IM JAHRE 1983 (PLANUNG).
CRUISES OF GERMAN RESEARCH SHIPS IN 1983 (PLANNING).
Deutsches Ozeanographisches Datenzentrum, Hamburg, 1983. 27 p.

15 GERMANY (DEMOCRATIC REPUBLIC)

15.01 GERMANY. DEUTSCHE AKADEMIE DER WISSENSCHAFTEN ZU BERLIN

15.01-083 BEITRAGE ZUR MEERESKUNDE, (47), 1982.
CONTRIBUTIONS TO OCEANOGRAPHY, (47), 1982.
Deutsche Akademie der Wissenschaften der DDR, Institut fur Meereskunde. 113 p.

15.01-083 .1 Matthaus, W. Schwabe, R.
DER EINFLUSS MESOSKALER WIRBEL AUF DIE THERMOHALINE SCHICHTUNG IM ARKONABECKEN.
INFLUENCE OF MESOSCALE EDDY PROCESSES ON THE THERMOHALINE STRATIFICATION OF THE ARKONA BASIN.
Its p. 5-30.

15.01-083 .2 Matthaus, W. Francke, E. Lass, H. Schwabe, R.
UNTERSUCHUNG DER WASSERAUSTAUSCHPROZESSE IM BEREICH DER DARSSER SCHWELLE.
STUDIES ON THE WATER-EXCHANGE PROCESSES IN THE AREA OF THE DARSS SILL.
Its p. 31-50.

15.01-083 .3 Nehring, D.
RELATIONEN DER PHOSPHOR- UND STICKSTOFFVERBINDUNGEN UNTEREINANDER UND ZU ANDEREN CHEMISCHEN GROSSEN DER OSTSEE.
RATIOS OF PHOSPHORUS AND NITROGEN COMPOUNDS TO EACH OTHER AND TO OTHER CHEMICAL COMPOUNDS IN THE BALTIC SEA.
Its p. 51-60.

15.01-083 .4 Nehring, D.
LANGZEITTRENDS DES PHOSPHAT- UND NITRATGEHALTS IN DER OSTSEE.
LONG-TERM TRENDS IN THE PHOSPHATE AND NITRATE CONTENTS OF THE BALTIC SEA.
Its p. 61-86.

15.01-083 .5 Nehring, D.
NAHRSTOFFBILANZEN DER OSTSEE.
NUTRIENT BALANCES IN THE BALTIC SEA.
Its p. 87-93.

15.01-083 .6 Fennel, W. Lass, H.
PHYTOPLANKTON PATCHINESS AND ADVECTION DIFFUSION MODELS.
Its p. 95-103.

15.01-083 .7 Kremser, U.
ZUR GENAUIGKEIT DER ERGEBNISSE VON DIFFUSIONSEXPERIMENTEN IN DER DECKSCHICHT DES MEERES MIT HILFE FLUORESZENTER TRACER.
ON THE PRECISION OF THE RESULTS OF SURFACE-LAYER MEASUREMENTS OF THE OCEAN WITH THE AID OF FLUORESCENT TRACERS.
Its p. 105-113.

15.01-084 BEITRAGE ZUR MEERESKUNDE, (48), 1983.
CONTRIBUTIONS TO OCEANOGRAPHY, (48), 1983.
Deutsche Akademie der Wissenschaften der DDR, Institut fur Meereskunde. 111 p.

15.01-084 .1 Sturm, M. Helm, R.
ZUR RAUM-ZEITLICHEN VARIABILITAT DER HORIZONTALEN WARMEADVEKTION IN DER WESTLICHEN OSTSEE.
ON THE SPACE-TIME VARIABILITY OF THE HORIZONTAL HEAT ADVECTION IN THE WESTERN BALTIC SEA.
Its p. 9-22.

15.01-084 .2 Francke, E.
ERGEBNISSE LANGZEITIGER STROMUNGS-MESSUNGEN IN DER DECKSCHICHT DES SEEGEBIETES DER DARSSER SCHWELLE.
RESULTS OF LONG-TERM CURRENT MEASUREMENTS IN THE SURFACE LAYER OF THE OCEAN REGION OF THE DARSS SILL.
Its p. 23-45.

15.01-084 .3 Matthaus, W.
LANGZEITTRENDS DER DICHTE IM GOTLANDBECKEN.
LONG-TERM TRENDS IN THE DENSITY OF THE GOTLAND BASIN.
Its p. 47-56.

15.01-084 .4 Matthaus, W.
ZUR VARIATION DER VERTIKALEN STABILITAT DER THERMOHALINE SCHICHTUNG IM GOTLANDTIEF.
ON THE VARIABILITY OF THE VERTICAL STABILITY OF THE THERMOHALINE STRATIFICATION IN THE GOTLAND DEEP.
Its p. 57-71.

15.01-084 .5 Francke, E. Reichel, U.
HISTORISCHE ENTWICKLUNG UND AKTUELLE BEDEUTUNG DES OSTSEE-OBSERVATORIUMSPROGRAMMES.
HISTORICAL DEVELOPMENT AND CURRENT SIGNIFICANCE OF THE BALTIC SEA OBSERVATORY PROGRAM.
Its p. 73-88.

15.01-084 .6 Lass, H. Wulff, C. Schwabe, R.
METHODEN UND PROGRAMME ZUR AUTOMATISCHEN ERKENNUNG UND KORREKTUR VON MESSFEHLERN IN OZEANOLOGISCHEN VERTIKALPROFILEN.
METHODS AND PROGRAMS FOR AUTOMATIC RECOGNITION AND CORRECTION OF MEASUREMENT ERRORS IN OCEANOGRAPHIC VERTICAL PROFILES.
Its p. 95-111.

15.02 GERMANY. NATIONALKOMITEE FUR GEODASIE UND GEOPHYSIK

15.02-039 Kell, V. Kaiser, W. Renk, H. Schulz, S.
PHYTOPLANKTON UND PRIMARPRODUKTION IN DER OSTSEE.
PHYTOPLANKTON AND PRIMARY PRODUCTION IN THE BALTIC SEA.
Nationalkomitee fur Geodasie und Geophysik bei der Akademie der Wissenschaften der DDR, Geodatische und Geophysikalische Veroffentlichungen, Series 4, No. 33, 1981. 60 p.

15.02-040 Nehring, D. Francke, E.
HYDROGRAPHISCH-CHEMISCHE UNTERSUCHUNGEN IN DER OSTSEE VON 1969-1978.
HYDROGRAPHIC-CHEMICAL STUDIES IN THE BALTIC SEA FROM 1969-1978.
Nationalkomitee fur Geodasie und Geophysik bei der Akademie der Wissenschaften der DDR, Geodatische und Geophysikalische Veroffentlichungen, Series 4, No. 35. 220 p.

15.02-041 Hagen, E. Schemainda, R. Michelsen, N. Postel, L. Schulz, S. Below, M.
ZUR KUSTENSENKRECHTEN STRUKTUR DES KALTWASSERAUFTRIEBS VOR DER KUSTE NAMIBIAS.
VERTICAL UPWELLING OF COLD WATER ABOVE THE SHELF OFF THE COAST OF NAMIBIA.
Nationalkomitee fur Geodasie und Geophysik bei der Akademie der Wissenschaften der DDR, Geodatische und Geophysikalische Veroffentlichungen, Series 4, No. 36. 99 p.

19 INDIA

19.01 INDIA. NATIONAL INSTITUTE OF OCEANOGRAPHY

19.01-029 ANNUAL REPORT, 17, 1981.
National Institute of Oceanography. 112 p.

19.04 INDIA. DEPARTMENT OF MARINE SCIENCES, UNIVERSITY OF COCHIN

19.04-003 Sharma, G. Murthy, A.
CASE STUDY OF STORM SURGES OF THE BAY OF BENGAL ALONG THE

SOUTH EAST COAST OF INDIA.
Department of Marine Sciences, University of Cochin. Reprint from Contributions to Marine Sciences Dedicated to Dr. C.V. Kurian, 1979. p. 173-181.

19.04-004 Murthy, A. Rao, M. Sharma, G.
CURRENT STRUCTURE IN THE UPPER LAYERS OF THE ARABIAN SEA DURING SOUTHWEST MONSOON.
Department of Marine Sciences, University of Cochin. Reprint from Indian Journal of Marine Sciences, Vol. 11, March 1982. p. 1-6.

20 INDONESIA

20.02 INDONESIA. NATIONAL INSTITUTE OF OCEANOLOGY, INDONESIAN INSTITUTE OF SCIENCES

20.02-014 HYDROLOGICAL, PLANKTON AND PIGMENT OBSERVATIONS IN THE MAKASSAR STRAIT, MADURA STRAIT AND EASTERN JAVA SEA BY THE R.V. SAMUDERA, APRIL 16-MAY 19, 1975.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 16, 1975. 48 p. (WDCA-120.1 A-18)

20.02-015 HYDROLOGICAL, PIGMENT, PLANKTON AND MICROBIOLOGY OBSERVATIONS IN THE MALAKA STRAIT BY THE R.V. SAMUDERA, JANUARY 8-JANUARY 27, 1979.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 25, 1979. 50 p. (WDCA-120.1 A-24)

20.02-016 HYDROLOGICAL, PIGMENT, PLANKTON AND MICROBIOLOGY OBSERVATIONS IN THE MALAKA STRAIT BY THE R.V. SAMUDERA, FEBRUARY 20-MARCH 10, 1979.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 26, 1979. 38 p. (WDCA-120.1 A-25).

20.02-017 HYDROLOGICAL, PLANKTON, MICROBIOLOGY, PRODUCTIVITY, PIGMENT AND SESTON OBSERVATIONS IN THE PARI ISLAND BY THE MOTOR BOAT MUTIARA IV, JULY, AUGUST, SEPTEMBER, OCTOBER 1978, JANUARY, FEBRUARY 1979.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 27, 1979. 60 p. (WDCA-120.1 E-1)

20.02-018 HYDROLOGICAL, PLANKTON AND PIGMENT OBSERVATIONS IN THE GULF OF TOMINI BY THE R.V. SAMUDERA, APRIL 26-MAY 28, 1979.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 28, 1979. 45 p. (WDCA-120.1 A-26)

20.02-019 HYDROLOGICAL, PLANKTON, PIGMENT AND MICROBIOLOGICAL OBSERVATIONS IN THE GULF OF TOMINI BY THE R.V. SAMUDERA, SEPTEMBER 10-OCTOBER 13, 1979.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 29, 1979. 59 p. (WDCA-120.1 A-27)

20.02-020 HYDROLOGICAL, PLANKTON, PIGMENT AND MICROBIOLOGICAL OBSERVATIONS IN THE GULF OF TOMINI BY THE R.V. SAMUDERA, MARCH 7-APRIL 2, 1980.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 30, 1980. 65 p. (WDCA-120.1 A-28)

20.02-021 HYDROLOGICAL, PLANKTON AND PIGMENT OBSERVATIONS IN THE SULAWESI SEA BY THE R.V. SAMUDERA, JULY 11-AUGUST 4, 1980.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 31, 1980. 71 p. (WDCA-120.1 A-29)

20.02-022 HYDROLOGICAL, PLANKTON, PIGMENT AND MICROBIOLOGICAL OBSERVATIONS IN THE NORTH OF MAKASSAR STRAIT BY THE R.V. SAMUDERA, JANUARY 16-FEBRUARY 6, 1981.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 32, 1981. 46 p. (WDCA-120.1 A-30)

20.02-023 HYDROLOGICAL, PLANKTON AND PIGMENT OBSERVATIONS IN THE SUNDA STRAIT BY THE R.V. SAMUDERA, JULY 9-13, 1981.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 33, 1981. 40 p. (WDCA-120.1 A-31)

20.02-024 HYDROLOGICAL, PLANKTON AND PIGMENT OBSERVATIONS IN THE SUNDA STRAIT BY THE R.V. SAMUDERA, NOVEMBER 24-NOVEMBER 28, 1981.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 34, 1981. 41 p. (WDCA-120.1 A-33)

20.02-025 HYDROLOGICAL, PLANKTON, PIGMENT AND MICROBIOLOGICAL OBSERVATIONS IN THE MAKASSAR STRAIT AND THE SULAWESI SEA (SNELLIUS EXPEDITIONS) BY THE R.V. SAMUDERA, SEPTEMBER 25-OCTOBER 23, 1982.
National Institute of Oceanology, Indonesian Institute of Sciences, Oceanographical Cruise Report No. 35, 1982. 63 p. (WDCA-120.1 A-32)

21 IRELAND

21.01 IRELAND. DEPARTMENT OF FISHERIES AND FORESTRY

21.01-033 Minchin, D.
THE ESCALLOP PECTEN MAXIMUS IN MULROY BAY.
Department of Fisheries and Forestry, Fisheries Bulletin, No. 1, 1981. 21 p.

21.01-034 Fahy, E.
SEA-TROUT AND THEIR FISHERIES FROM THE DUBLIN FISHERY DISTRICT.
Department of Fisheries and Forestry, Fisheries Bulletin, No. 2, 1981. 15 p.

21.01-035 Fahy, E.
THE WEXFORD COMMERCIAL BASS DICENTRARCHUS LABRAX (L.) FISHERY.
Department of Fisheries and Forestry, Fisheries Bulletin, No. 3, 1981. 10 p.

21.01-036 West, A. Partridge, J. Lovitt, A.
THE COCKLE CERASTODERMA EDULE (L.) ON THE SOUTH BULL, DUBLIN BAY: POPULATION PARAMETERS AND FISHERY POTENTIAL.
Department of Fisheries and Forestry, Irish Fisheries Investigations, Series B (Marine), No. 20, 1979. 18 p.

21.01-037 Walker, A. Rees, E.
BENTHIC ECOLOGY OF DUBLIN BAY IN RELATION TO SLUDGE DUMPING: FAUNA.
Department of Fisheries and Forestry, Irish Fisheries Investigations, Series B (Marine), No. 22, 1980. 59 p.

21.01-038 Baker, J. Hiscock, S. Hiscock, K. Levell, D. Bishop, G. Precious, M. Collinson, R. Kingsbury, R. O'Sullivan, A.
THE ROCKY SHORE BIOLOGY OF BANTRY BAY: A RE-SURVEY.
Department of Fisheries and Forestry, Irish Fisheries Investigations, Series B (Marine), No. 23, 1981. 27 p.

22 ISRAEL

22.03 ISRAEL. ISRAEL OCEANOGRAPHIC & LIMNOLOGICAL RESEARCH, LIMITED, HAIFA

22.03-008 COLLECTED REPRINTS, 5, 1979.
Israel Oceanographic & Limnological Research, Limited, Haifa, 1979. 321 p.

22.03-008 .1 Avron, M. Ben-Amotz, A.
METABOLIC ADAPTATION OF THE ALGA DUNALIELLA TO LOW WATER ACTIVITY.
Its Contribution No. 214. 9 p.

22.03-008 .2 Berman, T. Skyring, G.
PHOSPHORUS CYCLING IN AQUATIC MICROORGANISMS STUDIED BY PHASED UPTAKE OF ^{33}P AND ^{32}P.
Its Contribution No. 220. 3 p.

22.03-008 .3 Geffen, A.
ROTATING FISH CAGES TO PREVENT FOULING.
Its Contribution No. 221. 3 p.

22.03-008 .4 Kimor, B.
PREDATION BY NOCTILUCA MILIARIS SOURIRAY ON ACARTIA TONSA DANA EGGS IN THE INSHORE WATERS OF SOUTHERN CALIFORNIA.
Its Contribution No. 236. 5 p.

22.03-008 .5 Kissil, G.
PYRIDOXINE REQUIREMENTS OF THE GILTHEAD BREAM (SPARUS AURATA, LINNAEUS) - PRELIMINARY RESULTS.
Its Contribution No. 238. 6 p.

22.03-008 .6 Kropach, C.
OBSERVATIONS ON THE POTENTIAL OF LIMULUS AQUACULTURE IN ISRAEL.
Its Contribution No. 241. 4 p.

22.03-008 .7 Marais, J. Kissil, G.
THE INFLUENCE OF ENERGY LEVEL ON THE FEED INTAKE, GROWTH, FOOD CONVERSION AND BODY COMPOSITION OF SPARUS AURATA.
Its Contribution No. 246. 17 p.

22.03-008 .8 Popper, D. Pitt, R. Zohar, Y.
EXPERIMENTS ON THE PROPAGATION OF RED SEA SIGANIDS AND SOME NOTES ON THEIR REPRODUCTION IN NATURE.
Its Contribution No. 251. 5 p.

22.03-008 .9 Zohar, Y. Gordin, H.
SPAWNING KINETICS IN THE GILTHEAD SEA BREAM, SPARUS AURATA L. AFTER LOW DOSES OF HUMAN CHORIONIC GONADOTROPIN.
Its Contribution No. 255. 6 p.

23 ITALY

23.09 ITALY. INSTITUTO IDROGRAFICO DELLA MARINA

23.09-013 ATLANTE DELLE CORRENTI SUPERFICIALI DEI MARI ITALIANI.
ATLAS OF SURFACE CURRENTS OF THE ITALIAN SEAS.
Instituto Idrografico della Marina, 1982. 34 p.

23.00 ITALY. MISCELLANEOUS

23.00-002 Dagnino, I.
RELAZIONE SULLO STATO FISICO-DINAMICO DELLE MASSE D'ACQUA DEL MAR LIGURE.
REPORT ON THE PHYSICODYNAMIC STATE OF WATER MASSES IN THE LIGURIAN SEA.
Universita di Genova, Cattedra di Oceanografica Fisica, Facolta di Scienze Matematiche, Fisiche e Naturali, 1978. 73 p.

24 JAPAN

24.04 JAPAN. HOKKAIDO UNIVERSITY

24.04-033 COLLECTED REPRINTS, 7, 1980-1982.
Hokkaido University, Research Institute of North Pacific Fisheries, Faculty of Fisheries, 1983. 248 p.

24.04-033 .1 Kubodera, T. Okutani, T.
GONATUS MIDDENDORFII, A NEW SPECIES OF GONATID SQUID FROM THE NORTHERN NORTH PACIFIC, WITH NOTES ON MORPHOLOGICAL CHANGES WITH GROWTH AND DISTRIBUTION IN IMMATURE STAGES (CEPHALOPODA, OEGOPSIDA).
Its Contribution No. 115. 21 p.

24.04-033 .2 Hamanaka, T. Tsujita, T.
CADMIUM AND ZINC CONCENTRATIONS IN ZOOPLANKTON IN THE SUBARCTIC REGION OF THE NORTH PACIFIC.
Its Contribution No. 117. 13 p.

24.04-033 .3 Yoon, T.
REPRODUCTIVE CYCLE OF FEMALE WALLEYE POLLOCK, THERAGRA CHALCOGRAMMA (PALLAS), IN THE ADJACENT WATERS OF FUNKA BAY, HOKKAIDO.
Its Contribution No. 119. 17 p.

24.04-033 .4 Miyake, H. Suzuki, M. Sasaki, S. Yamamoto, S. Ishii, K. Meguro, T.
MEASUREMENTS OF THE VERTICAL TEMPERATURE AND SALINITY PROFILE WITH THE STD SYSTEM OF HOKUSEI MARU.
Its Contribution No. 120. 9 p.

24.04-033 .5 Haryu, T. Nishiyama, T.
LARVAL FORM OF ZAPRORID FISH ZAPRORA SILENUS FROM THE BERING SEA AND THE NORTHERN NORTH PACIFIC.
Its Contribution No. 121. 6 p.

24.04-033 .6 Suzuki, M. Fukuoka, J. Ohuchi, A. Fukase, S. Kaji, I.
SHORT PERIOD VARIATIONS OF CHLOROPHYLL AND NUTRIENTS IN HARIMA NADA IN SUMMER.
Its Contribution No. 122. 9 p.

24.04-033 .7 Suzuki, M. Ohuchi, A. Komine, J. Fukuoka, J. Kaji, I.
THE SIGNIFICANCE OF WATER QUALITY IN THE VIEW POINT OF PRINCIPAL COMPONENT ANALYSIS. VARIATIONS OF CHLOROPHYLL AND NUTRIENTS IN TOKYO BAY.
Its Contribution No. 140. 9 p.

24.04-033 .8 Sasaki, S. Yamamoto, S. Shimazaki, K.
ECOLOGICAL STUDIES ON THE POMFRET (BRAMA JAPONICA HILGENDORF). II. A NORTH-SOUTH DISTRIBUTION OF THE POMFRET ALONG LONGITUDE 175°30'E IN LATE JULY.
Its Contribution No. 141. 9 p.

24.04-033 .9 Hamanaka, T.
EFFECTS OF FORMALIN PRESERVATION ON HEAVY METAL CONCENTRATION IN ZOOPLANKTON.
Its Contribution No. 142. 12 p.

24.04-033 .10 Fukuoka, J.
THE ROLE OF INTERMEDIATE AND DEEP WATERS IN RELATION TO JAPAN.
Its Contribution No. 144. 4 p.

24.04-033 .11 Yoshida, H. Yoon, T.
MATURITY AND IDENTIFICATION OF THE POST-SPAWNER OF WALLEYE POLLOCK THERAGRA CHALCOGRAMMA (PALLAS), IN THE SURFACE LAYERS OF THE CENTRAL BERING SEA IN SUMMER.
Its Contribution No. 145. 9 p.

24.04-033 .12 Maita, Y.
OCEANOGRAPHIC DESCRIPTION OF THE COAST OF JAPAN XXII: FUNKA BAY. (II) CHEMICAL ENVIRONMENTS.
Its Contribution No. 147. 10 p.

24.04-033 .13 Miyake, H.
TEMPERATURE INVERSIONS OFF THE EASTERN COAST OF THE OSHIMA PENINSULA, HOKKAIDO.
Its Contribution No. 149. 14 p.

24.04-033 .14 Shimazaki, K. Kyushin, K.
ON THE POPULATION OF THE YOUNG JAPAN SEA GREENLING, PLEUROGRAMMUS AZONUS JORDAN ET METZ, IN THE OKHOTSK SEA.
Its Contribution No. 152. 11 p.

24.04-034 DATA RECORD OF OCEANOGRAPHIC OBSERVATIONS AND EXPLORATORY FISHING.
Hokkaido University, No. 26, March 1983. 364 p. (WDCA-124.2 B-53, C-6)

24.06 JAPAN. FISHERIES AGENCY

24.06-046 THE RESULTS OF FISHERIES OCEANOGRAPHICAL OBSERVATION, JANUARY-DECEMBER, 1979.
Fisheries Agency, February 1983. 987 p. (WDCA-124.5 B-19, 124.19 B-19, 124.20 A-19, 124.21 A-21, 124.22 A-19, 124.23 A-19, 124.27 A-14)

24.06-047 BULLETIN OF THE HOKKAIDO REGIONAL FISHERIES RESEARCH LABORATORY, (47), AUGUST 1982.
Fisheries Agency. 99 p.

24.06-047 .1 Wada, T. Kitakata, M.
DRIFT GILLNET AND BEHAVIOR OF SAURY IN THE DAYTIME.
Its p. 11-22.

24.06-047 .2 Irie, T. Yoshida, H.
STUDIES ON HERRING IN THE NORTHERN OKHOTSK SEA. III. DISTRIBUTION AND ECOLOGY IN THE AUTUMN, 1976.
Its p. 23-39.

24.06-047 .3 Taka, S. Kitakata, M. Wada, T.
THE RELATIONS BETWEEN THE SAURY, COLOLABIS SAIRA (BREVOORT) AND THE FOOD ORGANISMS ON, ESPECIALLY CALANUS PLUMCHRUS, IN THE SOUTHEAST WATERS OF THE KURIL ISLANDS DURING SUMMER.
Its p. 41-55.

24.06-047 .4 Morita, S.
FISHERY BIOLOGICAL STUDY ON THE HERRING STOCKS IN THE NORTHWEST PACIFIC OCEAN. (I) KORFO-KARAGINSK HERRING.
Its p. 57-92.

24.06-048 THE RESULTS OF FISHERIES OCEANOGRAPHICAL OBSERVATION, JANUARY-DECEMBER, 1980.
Fisheries Agency, 1983. 1013 p. (WDCA-124.5 B-20, 124.19 B-20,

124.20 A-20, 124.21 A-22, 124.22 A-20, 124.23 A-23, 124.27 A-15)

24.07 JAPAN. METEOROLOGICAL AGENCY

24.07-059 DATA FROM OCEAN BUOY STATIONS, (6), 1981-1982.
Meteorological Agency, March 1983. 63 p. (WDCA-224.1 A-6)

24.07-060 THE RESULTS OF MARINE METEOROLOGICAL AND OCEANOGRAPHICAL OBSERVATIONS, (69), JANUARY-JUNE, 1981.
Meteorological Agency, November 1982. 236 p. (WDCA-124.1 B-70, B-72, F-20, 124.8 D-61, 124.9 A-78, 124.10 D-72, 124.11 D-56, D-57)

24.07-061 THE RESULTS OF MARINE METEOROLOGICAL AND OCEANOGRAPHICAL OBSERVATIONS, (70), JULY-DECEMBER, 1981.
Meteorological Agency, December 1982. 261 p. (WDCA-124.1 B-71, B-72, E-13, F-20, 124.8 D-62, D-63, 124.9 A-79, 124.10 D-72, 124.11 D-56, 224.9 A-1)

24.09 JAPAN. OCEANOGRAPHIC DATA CENTER

24.09-468 JAPAN OCEANOGRAPHIC DATA CENTER (JODC), 1981.
Oceanographic Data Center, 1981. 169 p.

24.09-469 DATA REPORT OF KER, (5), APRIL 1981-MARCH 1982.
Oceanographic Data Center, March 1983. 552 p. (WDCA-124.1 B-70, B-71, 124.5 A-9, A-10, 124.8 D-63, 124.9 A-78, A-79, 124.10 D-72, 124.11 D-57, 124.13 E-58, GGG-9, 124.19 A-10, A-11, D-7, D-8, 124.21 B-3, C-4, D-3, F-1, 124.23 C-4, D-5, D-6, E-3, H-1, 124.29 A-8, A-9)

24.09-470 OCEANOGRAPHIC ATLAS OF KER, 4, APRIL 1980-MARCH 1981.
Oceanographic Data Center, March 1983. 48 p.

24.09-471 RNODC NEWSLETTER FOR WESTPAC, (2), DECEMBER 1982.
Oceanographic Data Center, 1982. 115 p.

24.10 JAPAN. MARITIME SAFETY AGENCY

24.10-038 DATA REPORT OF HYDROGRAPHIC OBSERVATIONS, (20), MARCH 1983.
Maritime Safety Agency, 1983. 99 p. (WDCA-124.13 B-19, E-58, E-59, GGG-9, GGG-10)

24.11 JAPAN. UNIVERSITY OF FISHERIES, SHIMONOSEKI

24.11-032 THE JOURNAL OF SHIMONOSEKI UNIVERSITY OF FISHERIES 31(1-2), 1983.
University of Fisheries, Shimonoseki. 58 p.

24.11-033 THE JOURNAL OF SHIMONOSEKI UNIVERSITY OF FISHERIES 31(3), MARCH 1983.
University of Fisheries, Shimonoseki. 116 p.

24.13 JAPAN. OCEAN RESEARCH INSTITUTE, UNIVERSITY OF TOKYO

24.13-049 CATALOGUE, MARCH 1982.
Ocean Research Institute, University of Tokyo. 37 p.

24.13-050 PRELIMINARY REPORT OF THE HAKUHO MARU CRUISE KH-80-2 (CYGNUS EXPEDITION), APRIL 25-JUNE 18, 1980, AND THE HAKUHO MARU CRUISE KH-82-1 (CEPHEUS EXPEDITION), JANUARY 22-MARCH 17, 1982.
Ocean Research Institute, University of Tokyo. 1983. 78 p. (WDCA-124.24 B-32, B-33)

24.14 JAPAN. FAR SEAS FISHERIES RESEARCH LABORATORY, SHIMIZU

24.14-025 BULLETIN, (19), NOVEMBER 1982.
Far Seas Fisheries Research Laboratory, Shimizu. 116 p.

24.14-025 .1 Nishikawa, Y.
EARLY DEVELOPMENT OF THE FISHES OF THE FAMILY GEMPYLIDAE. 1. LARVAE AND JUVENILES OF ESCOLAR, LEPIDOCYBIUM FLAVOBRUNNEUM (SMITH).
Its p. 1-14.

24.14-025 .2 Suzuki, Z. Kikawa, S.
ON ESTIMATING FISHING INTENSITY OF TUNA LONGLINE, TAKING AN EXAMPLE FROM NORTH ATLANTIC STOCK OF WHITE MARLIN (TETRAPTURUS ALBIDUS).
Its p. 15-24.

24.14-025 .3 Okazaki, T.
GENETIC STUDY ON POPULATION STRUCTURE IN CHUM SALMON (ONCHORHYNCHUS KETA).
Its p. 25-116.

24.14-026 BULLETIN, (20), DECEMBER 1982.
Far Seas Fisheries Research Laboratory, Shimizu. 63 p.

24.14-026 .1 Yoshida, K.
STUDY FOR REPRODUCTIVE MECHANISM OF FUR SEAL (CALLORHINUS URSINUS) OF ASIAN ORIGIN.
Its p. 1-36.

24.14-026 .2 Yoshida, K. Baba, N.
A STUDY OF BEHAVIOR AND ECOLOGY OF FEMALE FUR SEALS ON A BREEDING ISLAND BY RADIO WAVE TELEMETRY AND VISUAL OBSERVATION.
Its p. 37-63.

24.20 JAPAN. NANSEI REGIONAL FISHERIES RESEARCH LABORATORY

24.20-008 BULLETIN OF THE NANSEI REGIONAL FISHERIES RESEARCH LABORATORY, (15), MARCH 1983.
Nansei Regional Fisheries Research Laboratory. 125 p.

24.20-008 .1 Takao, K. Kishida, T. Ueda, K.
NUMBER OF EGGS OF JAPANESE ANCHOVY PRODUCED PER FEMALE PER YEAR ESTIMATED BY A REARING EXPERIMENT.
Its p. 1-11.

24.20-008 .2 Hanaoka, F.
DISTRIBUTION OF FISH SCHOOLS IN BUNGO SUIDO (CHANNEL) DETERMINED BY ACOUSTIC SURVEYS.
Its p. 13-27.

24.20-008 .3 Tsukidate, J.
ON THE SYMBIOTIC RELATIONSHIP BETWEEN PORPHYRA SPECIES AND ATTACHED BACTERIA AND A BACTERIAL PATHOGEN IN WHITE ROT.
Its p. 29-96.

24.20-008 .4 Fukuhara, O.
EFFECT OF PREY DENSITY ON THE SWIMMING BEHAVIOR OF LARVAL BLACK PORGY, ACANTHOPAGRUS SCHLEGELI (BLEEKER).
Its p. 97-101.

24.20-008 .5 Konishi, Y.
DISTRIBUTION OF EGGS AND LARVAE OF SARDINE IN THE SATSUNAN AREA, 1976-1981.
Its p. 103-121.

24.21 JAPAN. MARITIME SELF DEFENSE FORCE

24.21-005 JMSDF ANNUAL OCEANOGRAPHIC OBSERVATION REPORT FOR 1981, 1.
Maritime Self Defense Force. 572 p.

24.21-006 JMSDF ANNUAL OCEANOGRAPHIC OBSERVATION REPORT FOR 1981, 2.
Maritime Self Defense Force. 322 p.

24.22 JAPAN. NATIONAL INSTITUTE OF POLAR RESEARCH

24.22-004 Matsumoto, K. Mine, M.
JARE DATA REPORTS, (75), (OCEANOGRAPHY I). OCEANOGRAPHIC DATA OF THE 21ST JAPANESE ANTARCTIC RESEARCH EXPEDITION FROM NOVEMBER 1979 TO APRIL 1980.
National Institute of Polar Research, August 1982. 44 p. (WDCA-124.13 KKK-12)

24.22-005 Kuramoto, S. Koyama, K.
JARE DATA REPORTS, (76), (OCEANOGRAPHY 2). OCEANOGRAPHIC DATA OF THE 22ND JAPANESE ANTARCTIC RESEARCH EXPEDITION FROM NOVEMBER 1980 TO APRIL 1981.
National Institute of Polar Research, August 1982. 50 p. (WDCA-124.13 KKK-13)

24.22-006 Ohsumi, S. Naito, Y.
JARE DATA REPORTS, (78), (MARINE BIOLOGY 4), MARCH 1983. WHALE SIGHTING EFFICIENCY OF THE CREW

ON BOARD OCEAN RESEARCH VESSELS IN BIOMASS/FIBEX.
National Institute of Polar Research. 49 p.

24.23 JAPAN. MARINE FISHERY RESOURCE RESEARCH CENTER

24.23-001 Kyushin, K. Amaoka, K. Nakaya, K. Ida, H. Tanino, Y. Senta, T.
FISHES OF THE SOUTH CHINA SEA.
Japan Marine Fishery Resource Research Center, 1982. 333 p.

25 MEXICO

25.04 MEXICO. UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

25.04-004 ANALES DEL INSTITUTO DE CIENCIAS DEL MAR Y LIMNOLOGIA 9(1), 1982.
REPORTS OF THE INSTITUTE OF MARINE SCIENCE AND LIMNOLOGY 9(1), 1982.
Universidad Nacional Autonoma de Mexico, Vol. 9, No. 1, 1982. 413 p.

25.04-004 .1 Solis-Weiss, V.
STUDY OF THE MACROBENTHIC POPULATIONS IN POLLUTED AREAS OF MARSEILLE BAY (FRANCE).
Its p. 1-18.

25.04-004 .2 Solis-Weiss, V.
ECOLOGICAL ASPECTS OF ORGANIC POLLUTION ON MACROBENTHOS OF SEDIMENTATION BASINS IN MARSEILLE BAY (FRANCE).
Its p. 19-43.

25.04-004 .3 Castellanos Trujillo, L.
THE MARINE ORIGIN ANOMALY OF CHROMIUM IN THE STATE OF CHIAPAS, MEXICO.
Its p. 45-54.

25.04-004 .4 Gallo Reynoso, J.
Flores Ramirez, J.
MODELING OF TROPHIC RELATIONSHIPS AMONG MOLLUSCS, ECHINODERMS AND CRUSTACEANS OF THE BENTHIC COMMUNITY IN THE NORTHWEST COAST OF BAJA CALIFORNIA, MEXICO.
Its p. 55-66.

25.04-004 .5 Guzman-Arroyo, M.
Rojas-Galaviz, J.
Gonzalez Gonzalez, L.
ANNUAL CYCLE OF MATURITY AND REPRODUCTION OF "CHACAL" MACROBRACHIUM TENELLUM SMITH AND ITS RELATIONSHIPS WITH ENVIRONMENTAL PARAMETERS IN THE COASTAL LAGOONS OF MITLA AND TRES PALOS, GRO., MEXICO (DECAPODA: PALAEMONIDAE).
Its p. 67-80.

25.04-004 .6 Fuentes Yaco, C. Vera-Herrera, F. Palomino Hasbach, G.
DETERMINATION OF LT_{10}, LT_{50} AND LT_{99} IN HYPOXIA CONDITION IN BREEDING OF CYPRINUS CARPIO SPECULARIS LINNAEUS IN DIFFERENT TEMPERATURES (PISCES: CYPRINIDAE).
Its p. 81-87.

25.04-004 .7 Lahmann, E. Gonzalez, W.
OBSERVATIONS ON SPATIAL DISTRIBUTION AND BEHAVIOR OF SIPHONARIA GIGAS SOWERBY, IN THE PACIFIC COAST OF COSTA RICA (GASTROPODA: SIPHONIARIIDAE).
Its p. 101-109.

25.04-004 .8 Valdez, M. Villalobos, C.
VARIATIONS IN NATURAL POPULATIONS OF NERITINA LATISSIMA IN COSTA RICA (GASTROPODA: NERITIDAE).
Its p. 111-119.

25.04-004 .9 Romero Jarero, J. Rodriguez, H.
PRESENT LEVELS OF COLIFORM POLLUTION IN THE CARMEN-MACHONA LAGOON SYSTEM, TABASCO.
Its p. 121-125.

25.04-004 .10 Flores-Coto, C. Zavala Garcia, F.
DESCRIPTION OF EGGS AND LARVAE OF DORMITATOR MACULATUS (BLOCH) IN ALVARADO LAGOON, VERACRUZ (PISCES: GOBIIDAE).
Its p. 127-140.

25.04-004 .11 Flores-Coto, C.
de Lourdes Mendez Vargas, M.
CONTRIBUTION OF KNOWLEDGE OF ICHTHYOPLANKTON IN ALVARADO LAGOON, VERA-CRUZ.
Its p. 141-160.

25.04-004 .12 Mallard Colmenero, L.
Yanez-Arancibia, A.
Amezcua Linares, F.
TAXONOMY AND BIOLOGICAL AND ECOLOGICAL ASPECTS OF PUFFERS IN

TERMINOS LAGOON, SOUTHERN GULF OF MEXICO (PISCES: TETRAODONTIDAE).
Its p. 161-211.

25.04-004 .13 Aguirre Leon, A. Yanez-Arancibia, A. Amezcua Linares, F.
TAXONOMY, DIVERSITY, DISTRIBUTION AND ABUNDANCE OF MOJARRAS IN TERMINOS LAGOON, SOUTHERN GULF OF MEXICO (PISCES: GERRIDAE).
Its p. 213-250.

25.04-004 .14 Diaz Ruiz, S. Yanez-Arancibia, A. Amezcua Linares, F.
TAXONOMY, DIVERSITY, DISTRIBUTION AND ABUNDANCE OF GRUNTS IN TERMINOS LAGOON, SOUTHERN GULF OF MEXICO (PISCES: POMADASYIDAE).
Its p. 251-278.

25.04-004 .15 Carvacho, A. Rios, R.
THE CARIDEAN SHRIMPS OF THE CALIFORNIA GULF. II. CATALOG, IDENTIFICATION KEYS AND BIOGEOGRAPHIC DISCUSSION.
Its p. 279-293.

25.04-004 .16 Castanares, L. Soto, L.
STUDY ON HERMATHYPIC SCLERACTINEA CORALS IN THE NORTHEAST COAST OF YUCATAN PENINSULA, MEXICO. I. TAXONOMIC SYNOPSIS OF 38 SPECIES (CNIDARIA: ANTHOZOA: SCLERACTINEA).
Its p. 295-344.

25.04-004 .17 Moreno, O. Merino, A. Jordan, E.
PROBLEMS IN AGE ESTIMATION IN A COLONIAL ORGANISM, PLEXAURA HOMOMALLA (ESPER.) (OCTOCORALLIA: PLEXAURIDAE).
Its p. 345-357.

25.04-004 .18 Martin, E.
REPRODUCTIVE CYCLE, SEX RATIO AND FECUNDITY OF SOFT CORAL PLEXAURA HOMOMALLA (ESPER.) (OCTOCORALLIA: PLEXAURIDAE).
Its p. 359-379.

25.04-004 .19 Macias Regalado, E. Fernandez, H. Calderon, A.
DIURNAL VARIATION OF SHRIMP POSTLARVAE DENSITY IN THE HUIZACHE-CAIMANERO INLET LAGOON SYSTEM SIN., MEXICO (CRUSTACEA: DECAPODA: PENAEIDAE).
Its p. 381-386.

25.04-005 Caso, M.
THE ECHINOIDS OF THE PACIFIC COAST OF MEXICO. FOURTH PART - ORDERS CASSIDULOIDA AND SPATANGOIDA.
Universidad Nacional Autonoma de Mexico, Publicaciones Especiales Instituto de Ciencias del Mar y Limnologia, Publication ESP 6, 1983. 200 p.

25.00 MEXICO. MISCELLANEOUS

25.00-002 INFORMACION SOBRE INFORMACION. OCEANOGRAFIA. PRIMERA PARTE.
INFORMATION ON INFORMATION. OCEANOGRAPHY. PART ONE.
Secretaria de Programacion y Presupuesto, Coordinacion General de los Servicios Nacionales de Estadistica, Geografia e Informatica, Vol. 4, No. 12, November 1981. 58 p.

26 NETHERLANDS

26.07 NETHERLANDS, NEDERLANDS CENTRUM VOOR OCEANOGRAFISCHE GEGEVENS

26.07-012 SEA-GOING MEASUREMENT PROGRAMMES IN THE NETHERLANDS, COMPLETED 1981.
Nederlands Centrum voor Oceanografische Gegevens. 25 p.

26.07-013 SEA-GOING MEASUREMENT PROGRAMMES IN THE NETHERLANDS, PLANNED 1983.
Nederlands Centrum voor Oceanografische Gegevens. 11 p.

27 NEW ZEALAND

27.04 NEW ZEALAND. UNIVERSITY OF AUCKLAND

27.04-001 TANE, THE JOURNAL OF THE AUCKLAND UNIVERSITY FIELD CLUB, 28, 1982.
University of Auckland. 222 p.

27.04-001 .1 Brook, F.
THE SCLERACTINIAN CORAL FAUNA OF RAKITU ISLAND, NORTH-EASTERN NEW ZEALAND.
Its p. 163-173.

28 NORWAY

28.02 NORWAY. UNIVERSITY OF BERGEN

28.02-021 Mosby, H.
SEASONAL VARIATIONS IN FJORD BASINS AND COASTAL WATERS.
University of Bergen, Geophysical Institute, Report 56, October 1982. 50 p.

29 PAKISTAN

29.03 PAKISTAN. NATIONAL INSTITUTE OF OCEANOGRAPHY

29.03-001 NEWS BULLETIN, WORKSHOP ISSUE 2(1), 1983.
National Institute of Oceanography. 39 p.

30 PERU

30.02 PERU. INSTITUTO DEL MAR, CALLAO

30.02-099 Mendez G., M.
CLAVES DE IDENTIFICACION Y DISTRIBUCION DE LOS LANGOSTINOS Y CAMARONES (CRUSTACEA: DECAPODA) DEL MAR Y RIOS DE LA COSTA DEL PERU.
KEY TO IDENTIFICATION AND DISTRIBUTION OF LANGOSTINOS AND SHRIMP (CRUSTACEA: DECAPODA) IN THE SEA AND COASTAL RIVERS OF PERU.
Instituto del Mar, Callao, Boletin, Vol. 5, 1981. 170 p.

30.02-100 Santander, H. Luyo R., G. Carrasco, S. Veliz, M. de Castillo, O.
CATALOGO DE ZOOPLANCTON EN EL MAR PERUANO. PRIMERA PARTE: AREA PISCO-SAN JUAN.
CATALOG OF ZOOPLANKTON IN THE PERUVIAN SEA. FIRST PART: PISCO-SAN JUAN AREA.
Instituto del Mar, Callao, Boletin, Vol. 6, 1981. 75 p.

30.02-101 Santander, H. Smith, P. Alheit, J.
DETERMINATION OF SAMPLING EFFORT REQUIRED FOR ESTIMATING EGG PRODUCTION OF ANCHOVETA, ENGRAULIS RINGENS, OFF PERU.
Instituto del Mar, Callao, Boletin, Vol. 7, No. 1, 1982. 18 p.

30.02-102 BOLETIN, VOLUMEN EXTRAORDINARIO, 1981.
BULLETIN, EXTRAORDINARY VOLUME, 1981.
Instituto del Mar, Callao. 288 p.

30.02-102 .1 Pocklington, R.
ORGANIC MATTER IN UPWELLING OFF NORTHERN PERU, NOVEMBER 1977.
Its p. 7-14.

30.02-102 .2 Harrison, G. Platt, T.
PRIMARY PRODUCTION AND NUTRIENT FLUXES OFF THE NORTHERN COAST OF PERU: A SUMMARY.
Its p. 15-21.

30.02-102 .3 Richman, J. Smith, L.
ON THE POSSIBLE ENHANCEMENT OF OXYGEN DEPLETION IN THE COASTAL WATERS OF PERU BETWEEN 6°S AND 11°S.
Its p. 22-33.

30.02-102 .4 Brown, R.
OBSERVATIONS OF FLYING-FISH (EXOCOETIDAE) BETWEEN NORTHERN PERU AND PANAMA, OCTOBER-DECEMBER 1977.
Its p. 43-45.

30.02-102 .5 Bates, S.
PHYSIOLOGICAL STATE AND RATE OF PROTEIN SYNTHESIS OF PHYTOPLANKTON OFF THE COAST OF PERU AS MEASURED BY SULFUR-35 INCORPORATION.
Its p. 46-49.

30.02-102 .6 Tsukayama, I. Alvarez, M.
FLUCTUACIONES EN EL STOCK DE ANCHOVETAS DESOVANTES DURANTE LAS TEMPORADAS REPRODUCTIVAS DE PRIMAVERA 1964-1978.
FLUCTUATIONS IN THE STOCK OF SPAWNING ANCHOVY DURING THE REPRODUCTIVE PERIOD IN SPRING 1964-1978.
Its p. 50-54.

30.02-102 .7
Ware, D. Tsukayama, T.
A POSSIBLE RECRUITMENT MODEL FOR THE PERUVIAN ANCHOVY.
Its p. 55-61.

30.02-102 .8
Dickie, L.
SIZE-COMPOSITIONS OF NET-PLANKTON SAMPLES TAKEN OFF NORTHERN PERU.
Its p. 62-66.

30.02-102 .9
Mackas, D. Boyd, C. Smith, S. Santander, H.
VERTICAL DISTRIBUTIONS OF PLANKTON IN THE UPPER 35 M OF THE PERUVIAN UPWELLING ZONE - APPLICATION OF A SHIPBOARD ELECTRONIC PLANKTON COUNTING SYSTEM.
Its p. 67-71.

30.02-102 .10
de Mendiola, B. Gomez, O.
PRIMERA ALIMENTACION, SOBREVIVENCIA Y TIEMPO DE ACTIVIDAD DE LAS LARVAS DE ANCHOVETA (ENGRAULIS RINGENS J.).
FIRST FEEDING, SURVIVAL AND TIME OF ACTIVITY IN ANCHOVY LARVAE (ENGRAULIS RINGENS J.).
Its p. 72-79.

30.02-102 .11
Ware, D. de Mendiola, B. Newhouse, D.
BEHAVIOR OF FIRST-FEEDING PERUVIAN ANCHOVETA LARVAE, ENGRAULIS RINGENS J.
Its p. 80-87.

30.02-102 .12
Towill, B.
ASPECTS OF VARIABILITY IN PERUVIAN COASTAL WATERS NEAR 9°S.
Its p. 88-98.

30.02-102 .13
Sheldon, R. Dunbrack, J.
A NOTE ON THE STANDING STOCK AND PRODUCTION OF MICROPLANKTON OFF THE COAST OF PERU AS DETERMINED BY PARTICLE COUNTING.
Its p. 99-102.

30.02-102 .14
Platt, T. Gallegos, C. Harrison, W.
PHOTOINHIBITION OF PHOTOSYNTHESIS IN NATURAL ASSEMBLAGES OF MARINE PHYTOPLANKTON.
Its p. 103-111.

30.02-102 .15
Smith, S. Boyd, C. Lane, P.
SHORT TERM VARIATION IN THE VERTICAL DISTRIBUTION OF COPEPODS OFF THE COAST OF NORTHERN PERU.
Its p. 112-118.

30.02-102 .16
Ochoa, N. Gomez, O.
VARIACIONES DEL FITOPLANCTON EN EL AREA DE CHIMBOTE DURANTE 1977.
VARIATIONS OF PHYTOPLANKTON IN THE CHIMBOTE AREA DURING 1977.
Its p. 119-129.

30.02-102 .17
Guillen, O. Calienes, R.
PRODUCTIVIDAD Y AFLORAMIENTO FRENTE A LAS AGUAS COSTERAS PERUANAS.
PRODUCTIVITY AND UPWELLING OFF THE PERUVIAN COAST.
Its p. 130-143.

30.02-102 .18
Boyd, C. Smith, S. Cowles, T.
GRAZING PATTERNS OF COPEPODS IN THE UPWELLING SYSTEM OFF PERU.
Its p. 144-154.

30.02-102 .19
Calienes, R. Guillen, O.
MASAS DE AGUA Y PRODUCCION PRIMARIA EN EL PERU.
WATER MASSES AND PRIMARY PRODUCTION IN PERU.
Its p. 155-163.

30.02-102 .20
Sameoto, D.
HORIZONTAL AND VERTICAL DISTRIBUTIONS OF ZOOPLANKTON NUMBERS AND BIOMASS OFF THE COAST OF PERU.
Its p. 164-170.

30.02-102 .21
Sameoto, D.
DISTRIBUTION AND ABUNDANCE OF SIX SPECIES OF FISH LARVAE IN PERUVIAN WATERS AND THEIR RELATIONSHIP WITH THE PHYSICAL AND BIOLOGICAL ENVIRONMENT.
Its p. 171-179.

30.02-102 .22
Santander, H.
PATRONES DE DISTRIBUCION Y FLUCTUACIONES DE DESOVES DE ANCHOVETA Y SARDINA.
DISTRIBUTION PATTERNS AND FLUCTUATIONS OF SPAWNING IN ANCHOVIES AND SARDINES.
Its p. 180-192.

30.02-102 .23
Villavicencio, Z.
INVESTIGACION PRELIMINAR DE LOS REQUERIMIENTOS ENERGETICOS DE ANCHOVETA ADULTA (METABOLISMO ESTANDAR Y ACTIVIDAD).
PRELIMINARY INVESTIGATION OF THE ENERGY REQUIREMENTS OF THE ADULT ANCHOVY (STANDARD METABOLISM AND ACTIVITY).
Its p. 193-205.

30.02-102 .24 Villavicencio, Z. Lazo, F. Contreras, G.
ESTUDIO DEL METABOLISMO ESTANDAR, REQUERIMIENTO TOTAL DE ENERGIA Y ACTIVIDAD EN JUVENILES DE SARDINA (SARDINOPS SAGAX).
STUDY OF STANDARD METABOLISM, TOTAL ENERGY REQUIREMENT AND ACTIVITY OF JUVENILE SARDINES (SARDINOPS SACAX).
Its p. 206-214.

30.02-102 .25 Herman, A.
SPATIAL AND TEMPORAL VARIABILITY OF CHLOROPHYLL DISTRIBUTIONS AND CEOSTROPHIC ESTIMATES ON THE PERU SHELF AT 9°S.
Its p. 215-227.

30.02-102 .26 Herman, A. Sameoto, D.
COPEPOD DISTRIBUTIONS ON THE PERU SHELF AT 9°S DURING NOVEMBER, 1977.
Its p. 228-233.

30.02-102 .27 Santander, H. de Castillo, O.
EL ICTIOPLANCTON EN EL AREA NORTE DEL PERU EN NOVIEMBRE DE 1977.
ICHTHYOPLANKTON IN THE AREA NORTH OF PERU IN NOVEMBER 1977.
Its p. 234-243.

30.02-102 .28 Santander, H. Carrasco, S. Luyo, C.
EL ZOOPLANCTON DEL AREA NORTE DEL PERU.
ZOOPLANKTON OF THE AREA NORTH OF PERU.
Its p. 244-253.

30.02-102 .29 Tsukayama, I. de Benites, G.
ESTIMADO DE CONSUMO DE ALIMENTO EN ANCHOVETAS ADULTAS.
ESTIMATION OF FOOD CONSUMPTION IN ADULT ANCHOVY.
Its p. 254-257.

30.02-102 .30 Alamo, A.
ESTUDIO SOBRE LA ALIMENTACION DE LA ANCHOVETA PERUANA ENGRAULIS RINCENS J. DURANTE LOS ANOS 1976 Y 1977.
STUDY OF FOOD OF PERUVIAN ANCHOVY ENCRAULIS RINGENS J. DURINC THE YEARS 1976 AND 1977.
Its p. 258-263.

30.02-102 .31 de Benites, S.
ESTUDIO EXPERIMENTAL SOBRE LA ACCION DINAMICA ESPECIFICA (SDA) Y LA EFICIENCIA DIGESTIVA DE JUVENILES DE SARDINAS SARDINOPS SAGAX SACAX (JENYNS).
EXPERIMENTAL STUDY ON THE SPECIFIC DYNAMIC ACTION (SDA) AND THE DIGESTIVE EFFICIENCY OF YOUNG SARDINES SARDINOPS SAGAX SAGAX (JENYNS).
Its p. 264-268.

30.02-102 .32 Owen, R.
MICROSCALE PATCHINESS OF SMALL PLANKTON ON THE CHIMBOTE SHELF, PERU.
Its p. 274-280.

30.02-102 .33 Canales, G.
ESTIMACION CUANTITATIVA DE PECES PELAGICOS FRENTE A HUARMEY-SALAVERRY EN NOVIEMBRE 1977 CON EL METODO DE ECO-INTEGRACION.
QUANTITATIVE ESTIMATION OF PELACIC FISHES AROUND HUARMEY-SALAVERRY IN NOVEMBER 1977 WITH A METHOD OF ECO-INTEGRATION.
Its p. 281-288.

32 POLAND

32.03 POLAND. POLISH ACADEMY OF SCIENCES

32.03-044 ZAGOSPODAROWANIE PRZESTRZENNE WYBRZEZA MORSKIEGO. KONFERENCJA NAUKOWA SEKCJI GEOLOCICZNO-GEOGRAFICZNEJ KOMITETU BADAN MORZA PAN (21-23 IX 79).
SPATIAL MANACEMENT OF THE COAST. MARINE SCIENTIFIC CONFERENCE, CEOLOGICAL-CEOGRAPHICAL SECTION, MARINE RESEARCH COMMITTEE (21-23/9/79).
Polish Academy of Sciences, Komitet Badan Morza, Studia i Materialy Oceanologiczne, No. 36, 1982. 200 p.

32.03-045 POLSKA NA MORZU 2000, (2).
POLAND AT SEA IN 2000, (2).
Polish Academy of Sciences, Komitet Badan Morza, Studia i Materialy Oceanologiczne, No. 37, 1982. 163.p.

32.03-046 Tuszynska-Rekawek, H. Kawecka-Edrukajtis, B. Sieluzycka, J.
BIBLIOCRAFIA GEOCRAFII POLSKIEJ, 1976.

BIBLIOGRAPHY OF POLISH GEOGRAPHY, 1976.
Polish Academy of Sciences, Instytut Geografii i Przestrzennego Zagospodarowania Pan, 1980. 601 p.

33 PORTUGAL

33.01 PORTUGAL. MINISTERIO DA MARINHA, INSTITUTO HIDROGRAFICO, LISBON

33.01-015 CECIR IV. 14 A 25 DE ABRIL DE 1977.
CECIR IV. 14 TO 25 APRIL, 1977.
Ministerio da Marinha, Instituto Hidrografico, Lisbon, Report and Results, 1982. 173 p. (WDCA-133.1 D-5)

33.03 PORTUGAL. INSTITUTO NACIONAL DE METEOROLOGIA E GEOFISICA

33.03-001 de Oliviera Pires, H.
de Vasconcelos Pessanha, L.
AGITACAO MARITIMA NA COSTA PORTUGUESA.
WIND WAVES ON THE PORTUGUESE COAST.
Instituto Nacional de Meteorologia e Geofisica, Servico de Meteorologia, Lisbon, April 1979. 28 p.

33.03-002 OBSERVACOES DO ESTADO DO MAR JUNTO A COSTA PORTUGUESA, OBSERVACOES COM ONDOGRAFOS, ANO DE 1979.
OBSERVATIONS ON THE STATE OF THE OCEAN ALONG THE PORTUGUESE COASTS, OBSERVATIONS WITH WAVE DIAGRAMS, 1979.
Instituto Nacional de Meteorologia e Geofisica, April 1980. 169 p.

34 SPAIN

34.01 SPAIN. INSTITUTO ESPANOL DE OCEANOGRAFIA, MADRID

34.01-104 BOLETIN, 7, 1982.
BULLETIN, 7, 1982.
Instituto Espanol de Oceanografia, Madrid, Part 2. 145 p.

34.01-104 .1 Fernandez de Castillejo, F.
Lavin, A.
CONTRIBUCION AL ESTUDIO DEL FLUJO DE AGUA ENTRANTE Y SALIENTE EN LA RIA DE AROSA.
CONTRIBUTION TO THE STUDY OF CURRENTS ENTERING AND CIRCULATING IN THE RIA DE AROSA.
Its p. 163-180.

34.01-104 .2 Iglesias, M. Nunes, M.
VARIACION ANUAL DE ALGUNOS PARAMETROS FISICO-QUIMICOS EN LA RIA DE AROSA.
ANNUAL VARIATION IN SOME PHYSICO-CHEMICAL PARAMETERS IN THE RIA DE AROSA.
Its p. 182-190.

34.01-104 .3 Varela, M .
COMPOSICION Y DISTRIBUCION DEL FITOPLANCTON DE LAS RIAS DE MUROS, AROSA Y PLATAFORMA CONTINENTAL PROXIMA EN SEPTIEMBRE DE 1978.
COMPOSITION AND DISTRIBUTION OF PHYTOPLANKTON IN THE RIA DE MUROS, RIA DE AROSA AND ON THE NEAREST CONTINENTAL SHELF IN SEPTEMBER 1978.
Its p. 191-222.

34.01-104 .4 Gonzalez Gurriaran, E.
ESTUDIO DE LA COMUNIDAD DE CRUSTACEOS DECAPODOS (BRACHYURA) EN LA RIA DE AROSA (GALICIA-NW ESPANA), Y SU RELACION CON EL CULTIVO DE MEJILLON EN BATEA.
STUDY OF THE COMMUNITY OF THE DECAPOD CRUSTACEANS (BRACHYURA) IN THE RIA DE AROSA (GALICIA-NORTHWEST SPAIN) AND ITS RELATIONSHIP TO THE CULTIVATION OF MUSSELS IN RAFT STATIONS.
Its p. 223-254.

34.01-104 .5 Lopez-Jamar, E.
DISTRIBUCION ESPACIAL DE LAS COMUNIDADES BENTONICAS INFAUNALES DE LA RIA DE AROSA.
SPATIAL DISTRIBUTION OF BENTHIC FAUNA COMMUNITIES IN THE RIA DE AROSA.
Its p. 255-268.

34.01-104 .6 Penas, E. Gonzalez Gurriarian, E.
APLICACION DES ANALISIS MULTIVARIANTE EN EL ESTUDIO DE LA COMUNIDAD DE CRUSTACEOS DECAPODOS BRAQUIUROS DE LA RIA DE AROSA, NW ESPANA.

APPLICATION OF MULTIVARIANT ANALYSIS IN THE STUDY OF BENTHIC CRUSTACEANS DECAPODA BRACHYURA IN THE RIA DE AROSA, NORTHWEST SPAIN.
Its p. 269-278

34.01-104 .7 Roman, G. Perez, A.
ESTUDIO DEL MEJILLON DE SU EPIFAUNA EN LOS CULTIVOS FLOTANTES DE LA RIA DE AROSA.
STUDY OF THE MUSSEL AND ITS EPIFAUNA IN THE FLOATING-ROPE CULTIVATIONS ON THE RIA DE AROSA.
Its p. 279-296.

34.01-104 .8 Marino, J. Perez, A. Roman, G.
EL CULTIVO DEL MEJILLON (MYTILUS EDULIS L.) EN LA RIA DE AROSA.
THE CULTIVATION OF THE MUSSEL (MYTILUS EDULIS L.) IN THE RIA DE AROSA.
Its p. 297-308.

34.01-105 Gonzalo, J.
REGISTRO ANUAL DE LA TEMPERATURA, SALINIDAD Y PARAMETROS METEOROLOGICOS EN LA RIA DE AROSA.
ANNUAL REGISTER OF TEMPERATURE, SALINITY AND METEOROLOGICAL PARAMETERS IN THE RIA DE AROSA.
Instituto Espanol de Oceanografica, Madrid, Informes Tecnicos No. 9, 1983. 31 p.

35 SWEDEN

35.03 SWEDEN. FISHERY BOARD

35.03-040 HYDROGRAPHICAL DATA, (25), JANUARY-JUNE 1981, R/V ARGOS.
Fishery Board, Institute of Hydrographic Research. 274 p. (WDCA-135.1 G-13)

35.03-041 HYDROGRAPHICAL DATA, (26), JULY-DECEMBER 1981, R/V ARGOS.
Fishery Board, Institute of Hydrographic Research. 113 p. (WDCA-135.1 G-14)

35.03-042 HYDROGRAPHICAL DATA, (27), JANUARY-JUNE 1982, R/V ARGOS.
Fishery Board, Institute of Hydrographic Research. 196 p. (WDCA-135.1 G-15)

35.03-043 HYDROGRAPHICAL DATA, (28), JULY-DECEMBER 1982, R/V ARGOS.
Fishery Board, Institute of Hydrographic Research, 1983. 104 p. (WDCA-135.1 G-16)

35.03-044 HYDROGRAPHICAL DATA, (29), 1982, R/V THETIS.
Fishery Board, Institute of Hydrographic Research. 70 p. (WDCA-135.1 E-29)

36 SOUTH AFRICA

36.03 SOUTH AFRICA. INSTITUTE OF OCEANOGRAPHY, UNIVERSITY OF CAPE TOWN

36.03-013 COLLECTED REPRINTS, 20, 1981.
Institute of Oceanography, University of Cape Town. 1037 p.

36.03-013 .1 Adams, L. Pos, J.
MODEL HARBOR WAVE FORM STUDIES BY SHORT RANGE PHOTOGRAMMETRY.
Its Contribution No. 451. 14 p.

36.03-013 .2 Allen, J. Griffiths, C.
THE FAUNA AND FLORA OF A KELP BED CANOPY.
Its Contribution No. 452. 5 p.

36.03-013 .3 Bohm, L. Fricke, A.
A SHORT-TERM ASSAY OF SEA URCHIN SKELETAL GROWTH BASED ON ^{45}Ca-INCORPORATION.
Its Contribution No. 456. 3 p.

36.03-013 .4 Branch, G.
THE BIOLOGY OF LIMPETS: PHYSICAL FACTORS, ENERGY FLOW, AND ECOLOGICAL INTERACTIONS.
Its Contribution No. 457. 146 p.

36.03-013 .5 Branch, G. Branch, M.
EXPERIMENTAL ANALYSIS ON INTRASPECIFIC COMPETITION IN AN INTERTIDAL GASTROPOD, LITTORINA UNIFASCIATA.
Its Contribution No. 458. 17 p.

36.03-013 .6 Brown, A.
AN ESTIMATE OF THE COST OF FREE EXISTENCE IN THE SANDY-BEACH WHELK BULLIA DIGITALIS (DILLWYN) ON THE WEST COAST OF SOUTH AFRICA.
Its Contribution No. 466. 6 p.

36.03-013 .7 Brown, A. Meredith, F.
THE EFFECTS OF SALINITY CHANGES ON RESPIRATION IN THE SANDY-BEACH WHELK BULLIA DIGITALIS (DILLWYN).
Its Contribution No. 467. 3 p.

36.03-013 .8 Brundrit, G.
UPWELLING FRONTS IN THE SOUTHERN BENGUELA REGION.
Its Contribution No. 469. 5 p.

36.03-013 .9 Buxton, C. Newell, R. Field, J.
RESPONSE-SURFACE ANALYSIS OF THE COMBINED EFFECTS OF EXPOSURE AND ACCLIMATION TEMPERATURES ON FILTRATION, OXYGEN CONSUMPTION AND SCOPE FOR GROWTH IN THE OYSTER OSTREA EDULIS.
Its Contribution No. 472. 10 p.

36.03-013 .10 Camden-Smith, F. Perrins, L. Dingle, R. Brundrit, G.
A PRELIMINARY REPORT ON LONG-TERM BOTTOM-CURRENT MEASUREMENTS AND SEDIMENT TRANSPORT/EROSION IN THE AGULHAS PASSAGE, SOUTHWEST INDIAN OCEAN.
Its Contribution No. 473. 8 p.

36.03-013 .11 Cherry, R. Heyraud, M.
POLONIUM-210 CONTENT OF MARINE SHRIMP: VARIATION WITH BIOLOGICAL AND ENVIRONMENTAL FACTORS.
Its Contribution No. 474. 11 p.

36.03-013 .12 Day, J. Grindley, J.
THE ESTUARINE ECOSYSTEM AND ENVIRONMENTAL CONSTRAINTS.
Its Contribution No. 479. 28 p.

36.03-013 .13 Day, J. Grindley, J.
THE MANAGEMENT OF ESTUARIES.
Its Contribution No. 480. 25 p.

36.03-013 .14 Dingle, R.
CONTINENTAL MARGIN SUBSIDENCE: A COMPARISON BETWEEN THE EAST AND WEST COASTS OF AFRICA.
Its Contribution No. 481. 13 p.

36.03-013 .15 Gosliner, T. Griffiths, R.
DESCRIPTION AND REVISION OF SOME SOUTH AFRICAN AEOLIDACEAN NUDIBRANCHIA (MOLLUSCA, GASTROPODA).
Its Contribution No. 488. 43 p.

36.03-013 .16 Griffiths, C.
GRAZERS AND FILTER FEEDERS IN THE NEARSHORE ZONE OF THE SOUTHERN BENGUELA SYSTEM.
Its Contribution No. 492. 6 p.

36.03-013 .17 Griffiths, C.
UPWELLING PROCESSES IN THE SOUTHERN BENGUELA REGION.
Its Contribution No. 494. 2 p.

36.03-013 .18 Griffiths, C. Stenton-Dozey, J.
THE FAUNA AND RATE OF DEGRADATION OF STRANDED KELP.
Its Contribution No. 495. 9 p.

36.03-013 .19 Griffiths, R.
POPULATION DYNAMICS AND GROWTH OF THE BIVALVE CHOROMYTILUS MERIDIONALIS (KR.) AT DIFFERENT TIDAL LEVELS.
Its Contribution No. 496. 18 p.

36.03-013 .20 Griffiths, C.
PREDATION ON THE BIVALVE CHOROMYTILUS MERIDIONALIS (KR.) BY THE GASTROPOD NATICA (TECTONATICA) TECTA ANTON.
Its Contribution No. 497. 9 p.

36.03-013 .21 Griffiths, R.
PRODUCTION AND ENERGY FLOW IN RELATION TO AGE AND SHORE LEVEL IN THE BIVALVE CHOROMYTILUS MERIDIONALIS (KR.).
Its Contribution No. 498. 17 p.

36.03-013 .22 Griffiths, R. Buffenstein, R.
AERIAL EXPOSURE AND ENERGY INPUT IN THE BIVALVE CHOROMYTILUS MERIDIONALIS (KR.).
Its Contribution No. 499. 11 p.

36.03-013 .23 Grindley, J.
MARINE ECOSYSTEMS OF MARION ISLAND.
Its Contribution No. 500. 5 p.

36.03-013 .24 Grindley, J.
THE HYDROLOGICAL ENVIRONMENTS OF FALSE BAY.
Its Contribution No. 501. 8 p.

36.03-013 .25 Grindley, J.
ESTUARINE PLANKTON.
Its Contribution No. 502. 30 p.

36.03-013 .26 Grindley, J.
INTERNATIONAL RESEARCH ON COPEPODA.
Its Contribution No. 503. 1 p.

36.03-013 .27 Grindley, J. De Villiers, A.
LITTORAL ZONATION ON MARION AND

PRINCE EDWARD ISLANDS.
Its Contribution No. 504. 1 p.

36.03-013 .28 Hockey, P.
DARTER ANHINGA MELANOGASTER FORAGING AT SEA IN SOUTHERN AFRICA.
Its Contribution No. 506. 1 p.

36.03-013 .29 Hodgson, A.
THE BLOOD VOLUME OF SCROBICULARIA PLANA, AND AN ESTIMATION OF BLOOD LOSS AFTER SIPHONAL WOUNDING.
Its Contribution No. 511. 13 p.

36.03-013 .30 Hodgson, A. Trueman, E.
THE SIPHONS OF SCROBICULARIA PLANA (BIVALVIA: TELLINACEA). OBSERVATIONS ON MOVEMENT AND EXTENSION.
Its Contribution No. 512. 15 p.

36.03-013 .31 Koop, K. Field, J.
ENERGY TRANSFORMATION BY THE SUPRALITTORAL ISOPOD LIGIA DILATATA BRANDT.
Its Contribution No. 513. 13 p.

36.03-013 .32 Linley, E. Newell, R.
MICROHETEROTROPHIC COMMUNITIES ASSOCIATED WITH THE DEGRADATION OF KELP DEBRIS.
Its Contribution No. 514. 11 p.

36.03-013 .33 Linley, E. Newell, R. Bosma, S.
HETEROTROPHIC UTILISATION OF MUCILAGE RELEASED DURING FRAGMENTATION OF KELP (ECKLONIA MAXIMA AND LAMINARIA PALLIDA). I. DEVELOPMENT OF MICROBIAL COMMUNITIES ASSOCIATED WITH THE DEGRADATION OF KELP MUCILAGE.
Its Contribution No. 515. 11 p.

36.03-013 .34 Lucas, M. Newell, R. Velimirov, B.
HETEROTROPHIC UTILISATION OF MUCILAGE RELEASED DURING FRAGMENTATION OF KELP (ECKLONIA MAXIMA AND LAMINARIA PALLIDA). II. DIFFERENTIAL UTILISATION OF DISSOLVED ORGANIC COMPOUNDS FROM KELP MUCILAGE.
Its Contribution No. 516. 13 p.

36.03-013 .35 Martin, A.
THE INFLUENCE OF THE AGULHAS CURRENT ON THE PHYSIOGRAPHIC DEVELOPMENT OF THE NORTHERNMOST NATAL VALLEY (S.W. INDIAN OCEAN).
Its Contribution No. 517. 18 p.

36.03-013 .36 McQuaid, C.
POPULATION DYNAMICS OF LITTORINA AFRICANA KNYSNAENSIS (PHILIPPI) ON AN EXPOSED ROCKY SHORE.
Its Contribution No. 519. 12 p.

36.03-013 .37 Merry, C.
PROCESSING OF TIDAL RECORDS AT HOUT BAY HARBOR.
Its Contribution No. 520. 6 p.

36.03-013 .38 Newell, R.
THE ROLE OF DECOMPOSERS IN THE INSHORE REGION OF THE WEST COAST.
Its Contribution No. 523. 8 p.

36.03-013 .39 Newell, R. Lucas, M.
THE QUANTITATIVE SIGNIFICANCE OF DISSOLVED AND PARTICULATE ORGANIC MATTER RELEASED DURING FRAGMENTATION OF KELP IN COASTAL WATERS.
Its Contribution No. 524. 14 p.

36.03-013 .40 Nurick, G.
OCEAN ENERGY - THE LAST SIX YEARS.
Its Contribution No. 525. 8 p.

36.03-013 .41 Orren, M. Eagle, G. Fricke, A. Greenwood, P. Hennig, H. Bartlett, P.
PRELIMINARY POLLUTION SURVEYS AROUND THE SOUTHWESTERN CAPE COAST. PART 4. SALT RIVER MOUTH, TABLE BAY.
Its Contribution No. 527. 6 p.

36.03-013 .42 Shillington, F.
LOW-FREQUENCY 0.045-Hz SWELL FROM THE SOUTHERN OCEAN.
Its Contribution No. 532. 3 p.

36.03-013 .43 Siesser, W. Dingle, R.
TERTIARY SEA-LEVEL MOVEMENTS AROUND SOUTHERN AFRICA.
Its Contribution No. 535. 14 p.

36.03-013 .44 Stuart, V. Field, J.
RESPIRATION AND ECOLOGICAL ENERGETICS OF THE SEA URCHIN PARECHINUS ANGULOSUS.
Its Contribution No. 540. 6 p.

36.03-013 .45 Stuart, V. Lucas, M. Newell, R.
HETEROTROPHIC UTILISATION OF PARTICULATE MATTER FROM THE KELP

LAMINARIA PALLIDA.
Its Contribution No. 541. 12 p.

36.03-013 .46 Van Foreest, D.
MODELLING PHYSICAL PROCESSES IN UPWELLING.
Its Contribution No. 543. 5 p.

36.05 SOUTH AFRICA. SEA FISHERIES INSTITUTE.

36.05-024 Pollock, D. Augustyn, C. Goosen, P.
THE ROCK LOBSTER JASUS LALANDII AND ITS ENVIRONMENTAL BIOLOGY ON THE SALDANHA-COLUMBINE FISHING GROUND OFF THE CAPE WEST COAST, 1978-1981.
Sea Fisheries Institute, Investigational Report No. 125, 1982. 30 p.

36.05-025 FISHERIES BULLETIN, 16, CONTRIBUTIONS TO OCEANOGRAPHY AND FISHERIES BIOLOGY.
Sea Fisheries Institute, 1982. 143 p.

36.05-025 .1 Boyd, A.
SMALL-SCALE MEASUREMENTS OF VERTICAL SHEAR AND RATES OF HORIZONTAL DIFFUSION IN THE SOUTHERN BENGUELA CURRENT.
Its p. 1-9.

36.05-025 .2 Chapman, P.
INVESTIGATIONS INTO METHODS OF DETERMINING ORGANIC POLLUTION IN SEAWATER. 3. THE USE OF ULTRA-VIOLET SPECTROPHOTOMETRY.
Its p. 11-19.

36.05-025 .3 Barlow, R. Henry, J.
PATTERNS OF CARBON ASSIMILATION IN PHYTOPLANKTON FROM THE SOUTHERN OCEAN.
Its p. 25-29.

36.05-025 .4 Brown, P.
PHYTOPLANKTON PRODUCTION MEASURES IN SITU AND UNDER SIMULATED IN SITU CONDITIONS IN THE SOUTHERN BENGUELA UPWELLING REGION.
Its p. 31-37.

36.05-025 .5 Brown, P.
THE EFFECT OF TEMPORARY EXPOSURE OF PHYTOPLANKTON MIDDAY IRRADIANCES ON IN SITU PRODUCTION ESTIMATES IN THE SOUTHERN BENGUELA UPWELLING REGION.
Its p. 39-44.

36.05-025 .6 Melville-Smith, R.
A BRIEF EXPLOITATION OF THE STONE CRAB LITHODES MURRAYI (HENDERSON) OFF SOUTH WEST AFRICA, 1979/80.
Its p. 45-55.

36.05-025 .7 Pollock, D. Augustyn, C.
BIOLOGY OF THE ROCK LOBSTER PALINURUS GILCHRISTI WITH NOTES ON THE SOUTH AFRICAN FISHERY.
Its p. 57-73.

36.05-025 .8 Negpen, C.
DIET OF PREDATORY AND REEF FISH IN FALSE BAY AND POSSIBLE EFFECTS OF PELAGIC PURSE-SEINING ON THEIR FOOD SUPPLY.
Its p. 75-93.

36.05-025 .9 Thomas, R. Hewitson, J. Bohme, H.
SUGGESTED EXPLANATION FOR A SHIFT IN COMMERCIAL CATCH POSITIONS OF JUVENILE ANCHOVY OFF SOUTH WEST AFRICA IN 1978.
Its p. 95-97.

36.05-025 .10 Kruger, I. Cruickshank, R.
ENVIRONMENTAL ASPECTS OF A FEW PELAGIC FISH SHOALS OFF SOUTH WEST AFRICA.
Its p. 99-114.

36.06 SOUTH AFRICA. NATIONAL RESEARCH INSTITUTE FOR OCEANOLOGY, COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH

36.06-049 Schumann, E.
INSHORE CIRCULATION OF THE AGULHAS CURRENT OFF NATAL.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Sears Foundation: Journal of Marine Research, Vol. 40, No. 1, 1982. p. 43-55.

36.06-050 Pearce, A. Grundlingh, M.
IS THERE A SEASONAL VARIATION IN THE AGULHAS CURRENT?
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Journal of Marine

Research, Vol. 40, No. 1, 1982. p. 177-184.

36.06-051 Eagle, C.
STUDY OF SUBLETHAL EFFECTS OF TRACE METALS ON MARINE ORCANISMS - THE NEED FOR SOME STANDARDISATION.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Marine Environmental Research, Vol. 5, 1981. p. 181-194.

36.06-052 Flemming, B.
FACTORS CONTROLLINC SHELF SEDIMENT DISPERSAL ALONC THE SOUTHEAST AFRICAN CONTINENTAL MARCIN.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Marine Ceology, Vol. 42, 1981. p. 259-277.

36.06-053 Lutjeharms, J.
SPATIAL SCALES AND INTENSITIES OF CIRCULATION IN THE OCEAN AREAS ADJACENT TO SOUTH AFRICA.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Deep-Sea Research, Vol. 28A, No. 11, 1981. p. 1289-1302.

36.06-054 Lutjeharms, J.
BAROCLINIC VOLUME TRANSPORT IN THE SOUTHERN OCEAN.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Journal of Physical Oceanography, Vol. 12, No. 1, January 1982. p. 3-7.

36.06-055 Lutjeharms, J.
FEATURES OF THE SOUTHERN ACULHAS CURRENT CIRCULATION FROM SATELLITE REMOTE SENSINC.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from South African Journal of Science, Vol. 77, May 1981. p. 232-236.

36.06-056 Orren, M. Eagle, G. Fricke, A. Gledhill, W. Creenwood, P. Hennig, H.
THE CHEMISTRY AND MEIOFAUNA OF SOME UNPOLLUTED SANDY BEACHES IN SOUTH AFRICA.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Water SA, Vol. 7, No. 4, October 1981. p. 203-210.

36.06-057 Hunter, I.
ON THE LAND BREEZE CIRCULATION OF THE NATAL COAST.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from South African Journal of Science, Vol. 77, August 1981. p. 376-378.

36.06-058 Schumann, E. Perrins, L. Hunter, I.
UPWELLINC ALONC THE SOUTH COAST OF THE CAPE PROVINCE, SOUTH AFRICA.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from South African Journal of Science, Vol. 78, June 1982. p. 238-242.

36.06-059 Carter, R.
PHYTOPLANKTON BIOMASS AND PRODUCTION IN A SOUTHERN BENCUELA KELP BED SYSTEM.
National Research Institute for Oceanology, Council for Scientific and Industrial Research. Reprint from Marine Ecology, Progress Series, Vol. 8, 1982. p. 9-14.

36.00 SOUTH AFRICA. MISCELLANEOUS

36.00-009 Greenwood, P. Bennett, T.
SOME EFFECTS OF TEMPERATURE-SALINITY COMBINATIONS ON THE EARLY DEVELOPMENT OF THE SEA URCHIN PARECHINUS ANCULOSUS (LESKE). FERTILIZATION.
Reprint from Journal of Experimental Marine Biology and Ecology, Vol. 51, 1981. p. 119-131.

36.00-010 Jarman, N. Carter, R.
THE PRIMARY PRODUCERS OF THE INSHORE RECIONS OF THE BENCUELA.
Reprint from Transactions of the

Royal Society of South Africa, Vol. 44, Part 3, December 1981. p. 321-326.

36.00-011 Field, J. Griffiths, C. Linley, E. Zoutendyk, P. Carter, R.
WIND-INDUCED WATER MOVEMENTS IN A BENGUELA KELP BED.
Reprint from Coastal Upwelling, Coastal and Estuarine Sciences I, 1981. p. 507-513.

37 UNION OF SOVIET SOCIALIST REPUBLICS

37.04 U.S.S.R. AKADEMIYA NAUK SSSR, INSTITUT OKEANOLOGII
ACADEMY OF SCIENCES, U.S.S.R., INSTITUTE OF OCEANOLOGY

37.04-063 IZVESTIYA POLIMODE.
POLYMODE REPORT.
Academy of Sciences, U.S.S.R., Institute of Oceanology, No. 7, 1982. 64 p.

37.05 U.S.S.R. AKADEMIYA NAUK SSSR, MEZHDUVEDOMSTVENNYI GEOFIZICHESKII KOMITET
ACADEMY OF SCIENCES, U.S.S.R., SOVIET GEOPHYSICAL COMMITTEE

37.05-101 OCEANOLOGICAL INVESTIGATIONS, (35), 1983.
Academy of Sciences, U.S.S.R., Soviet Geophysical Committee, Results of Investigations on International Geophysical Projects. 112 p.

37.05-101 .1 Abramov, R. Dymova, R. Kool, L.
INVESTIGATION OF DIFFERENT SCALE ATMOSPHERIC PROCESSES IN POLYMODE EXPERIMENT.
Its p. 5-22.

37.05-101 .2 Kapralova, V.
FEATURES OF THERMOBARIC FIELDS IN THE SOUTHWESTERN PART OF THE NORTH ATLANTIC IN SUMMER 1977.
Its p. 23-28.

37.05-101 .3 Abramov, R.
THE SEASONAL VARIATION OF HARMONIC CONSTANTS OF THE DIURNAL AND SEMIDIURNAL WAVES OF ATMOSPHERIC PRESSURE ACCORDING TO POLYMODE DATA.
Its p. 29-37.

37.05-101 .4 Byshev, V. Kapralova, V.
THE VARIABILITY CHARACTERISTICS OF ATMOSPHERIC PROCESSES DURING THE PERIOD OF EXPERIMENT IN THE POLYMODE AREA.
Its p. 38-42.

37.05-101 .5 Gurina, A. Demin, Yu. Pavlova, Yu.
ON HYDROLOGIC CONDITIONS IN THE STRUCTURE OF LARGE-SCALE FLOWS OF THE SARGASSO SEA IN SUMMER TIME.
Its p. 43-54.

37.05-101 .6 Ivanov, Yu. Morozov, E. Nikitin, S. Samodurov, A.
THE TEMPERATURE FLUCTUATION SPECTRUM IN THE NEIGHBORHOOD OF THE INERTIA FREQUENCY CALCULATED BY THE POLYMODE DATA.
Its p. 55-60.

37.05-101 .7 Morozov, E. Samodurov, A.
INVESTIGATION OF THE TIME VARIABILITY OF SEMIDIURNAL INTERNAL WAVES IN THE POLYMODE AREA.
Its p. 61-63.

37.05-101 .8 Novitski, A.
A NONLINEAR MODEL OF SYNOPTIC EDDY.
Its p. 64-77.

37.05-101 .9 Novitski, A.
GENERATION OF INERTIAL OSCILLATIONS BY ATMOSPHERIC INFLUENCE.
Its p. 78-83.

37.05-101 .10 Krasnopevtsev, A.
THE APPEARANCE OF SECONDARY CIRCULATION IN THE EDDY AS A RESULT OF HORIZONTAL EXCHANGE IN IMPULSE AND MASS.
Its p. 84-89.

37.05-101 .11 Kushnir, V.
DISTRIBUTION OF THE PROBABILITIES OF FLOW VELOCITY FLUCTUATIONS IN THE OCEAN.
Its p. 90-96.

37.05-101 .12 Byshev, V. Potekhina, E.
RESTORING OF VELOCITY DATA.
Its p. 97-101.

37.05-101 .13 Novitski, A.
SET OF BOUNDARY PROBLEMS OF LINEAR THEORY FOR WAVE DISTRIBUTION WITHIN CLOSED BASIN.
Its p. 102-106.

37.22 U.S.S.R. VSESOYUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO
ALL-UNION RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY (VNIRO)

37.22-011 OCEANOGRAPHIC INVESTIGATIONS OF FISHING AREAS OF THE WORLD OCEAN, PROCEEDINGS.
All-Union Research Institute of Marine Fisheries and Oceanography (VNIRO), 1980. 104 p.

37.22-011 .1 Mordasova, N.
SOME DATA ON THE CONTENT OF CHLOROPHYLL IN PRODUCTIVE AREAS OF THE WORLD OCEAN.
Its p. 6-14.

37.22-011 .2 Solankin, E.
CYCLIC FLUCTUATIONS OF CERTAIN INDICES OF ABIOTIC CONDITIONS OF REPRODUCTION OF FISH IN VARIOUS NATURAL SYSTEMS OF THE NORTH HEMISPHERE.
Its p. 15-27.

37.22-011 .3 Demin, Yu. Elizarov, A. Shcherbinin, A.
OCEANOGRAPHIC CONDITIONS RESPONSIBLE FOR SPACE UNUNIFORMITY OF BIOPRODUCTION IN THE ATLANTIC.
Its p. 27-50.

37.22-011 .4 Zyryanov, V.
THE DYNAMICS OF WATERS IN THE SOUTHWEST ATLANTIC AND CHARACTERISTICS OF THE PYCNOCLINE.
Its p. 50-65.

37.22-011 .5 Popkov, V.
CHARACTERISTICS OF OCEANOGRAPHIC CONDITIONS IN THE PACIFIC ANTARCTIC AREA.
Its p. 65-79.

37.22-012 BIOASSAYS OF NATURAL AND INDUSTRIAL WATERS, PROCEEDINGS.
All-Union Research Institute of Marine Fisheries and Oceanography (VNIRO), 1981. 107 p.

37.22-012 .1 Patin, S.
BIOASSAYS AS METHODS OF INVESTIGATION AND PREVENTION OF POLLUTION IN WATER BODIES.
Its p. 7-16.

37.22-012 .2 Tsvylev, O. Tkachenko, V.
USE OF UNICELLULAR ALGAE FOR BIOASSAYS OF POLLUTANTS.
Its p. 17-30.

37.22-012 .3 Grozdov, A. Sokolova, S.
PROTOZOA AS TEST ORGANISMS IN THE APPLIED TOXICOLOGICAL INVESTIGATIONS.
Its p. 30-36.

37.22-012 .4 Pereladov, M. Ajvazova, L. Grozdoy, A. Sokolova, S.
USE OF PLANKTONIC CRUSTACEANS AS TEST ORGANISMS IN THE TOXICOLOGICAL EXPERIMENTS.
Its p. 36-43.

37.22-012 .5 Patin, S. Usov, G. Startseva, A. Pereladov, M.
SOME RESULTS OF THE TOXICOLOGICAL BIOASSAY OF EFFLUENTS FROM CHEMICAL PLANTS.
Its p. 44-48.

37.22-012 .6 Novosadova, T. Pobegajlo, P.
BIOLOGICAL CONTROL OF PURIFIED EFFLUENTS FROM THE TOBOLSK PETROCHEMICAL PLANT.
Its p. 49-50.

37.22-012 .7 Aivazova, L. Sokolova, S. Tkachenko, V.
INVESTIGATIONS OF TOXIC EFFECTS OF EFFLUENTS FROM AN IODOBROMINE PLANT.
Its p. 50-58.

37.22-012 .8 Tsvylev, O. Suslikova, E.
EXAMINATION OF EUTROPHIC EFFECTS OF WASTE WATERS USING PHYTOPLANKTONIC CULTURES.
Its p. 58-63.

37.22-012 .9 Grozdov, A. Pereladov, M. Startseva, A.
BIOASSAY OF SURFACE-ACTIVE SUBSTANCES.
Its p. 64-69.

37.22-012 .10 Mazmanidi, N. Kotov, A.
EFFECT OF OIL AND DISPERSION AGENTS ON THE SURVIVAL AND BLOOD INDICES OF CERTAIN SPECIES OF FISH FROM THE BLACK SEA.
Its p. 69-75.

37.22-012 .11 Beletsky, V.
METHODS OF ESTIMATING COMPARATIVE TOXICITY OF CHEMICAL AGENTS FOR AQUATIC SPECIES.
Its p. 75-77.

37.22-013 VNIRO FISHERY INVESTIGATIONS IN THE EAST TROPICAL ATLANTIC, PROCEEDINGS.
All-Union Research Institute of Marine Fisheries and Oceanography (VNIRO), 1982. 101 p.

37.22-013 .1 Severov, D. Poddubnyi, S.
OCEANOGRAPHIC CONDITIONS IN THE SOUTHEAST TROPICAL ATLANTIC IN THE PERIOD OF THE MINIMUM DEVELOPMENT OF A COASTAL UPWELLING.
Its p. 7-13.

37.22-013 .2 Vladimirskij, S.
HYDROCHEMICAL CHARACTERISTICS OF WATER IN THE SOUTHEAST ATLANTIC IN THE WINTER OF 1976.
Its p. 13-23.

37.22-013 .3 Vladimirskij, S.
HYDROCHEMICAL CONDITIONS OFF ANGOLA IN 1976.
Its p. 23-27.

37.22-013 .4 Vladimirskaya, E. Khromov, N.
THE DISTRIBUTION OF PLANKTON IN THE EAST TROPICAL ATLANTIC.
Its p. 28-39.

37.22-013 .5 Vladimirskaya, E.
THE DISTRIBUTION OF ZOOPLANKTON IN THE NORTHERN PART OF THE GULF OF GUINEA IN THE AUTUMN OF 1976.
Its p. 39-42.

37.22-013 .6 Kotlyar, A.
NEW INFORMATION ON TRACHICHTHYIDAE, BERYCOIDEI, BERYCIFORMES FROM THE EAST TROPICAL ATLANTIC.
Its p. 43-50.

37.22-013 .7 Pshenichnyi, B. Abramov, A. Pupyshev, V.
ON THE RESOURCES OF BOTTOM FISH IN THE COASTAL WATER OF THE TROPICAL EAST ATLANTIC.
Its p. 50-55.

37.22-013 .8 Pupyshev, V.
TO THE INCREASE IN THE ABUNDANCE OF BALISTES CAPRISCUS GMEL. 1789 AND CEPHALACANTHUS VOLITANS IN THE GULF OF GUINEA.
Its p. 56-58.

37.22-013 .9 Pupyshev, V.
THE BEHAVIOR OF SHRIMP (PENAEUS DUORARUM BURKENROAD, PENAEUS KERATHURUS (FORSKAL)) UNDER NATURAL CONDITIONS AND IN THE ELECTRIC FIELD.
Its p. 59-61.

37.22-013 .10 Abramov, A.
ON THE DISTRIBUTION OF SOME SPECIES OF FISH FROM THE FAMILY CHLOROPHTHALMIDAE.
Its p. 62-63.

37.22-013 .11 Mikhailin, S.
THE FAUNA OF TRICHIURID FISHES FROM THE SOUTHEAST ATLANTIC.
Its p. 64-77.

37.22-013 .12 Chestnoy, V.
CATCHABILITY OF TRAWLS AND EFFICIENCY OF FISHERIES ON THE WEST AFRICAN SHELF.
Its p. 77-82.

37.22-013 .13 Gorelov, P.
FISHING GEAR AND TACTICS USED IN THE EXPEDITION OF R/V FIOLENT IN THE SOUTHEAST ATLANTIC.
Its p. 82-89.

37.22-013 .14 Abalmazova, M. Borisenko, E. Kreminskij, V.
CALIBRATION OF ECHO INTEGRATORS ON MINGLED CONCENTRATIONS OF FISH.
Its p. 89-94.

37.22-013 .15 Abalmazova, M.
ASSESSMENT OF THE STOCKS OF FISH BASED ON THEIR BEHAVIORAL PECULIARITIES AND ACOUSTIC PROPERTIES.
Its p. 94-98.

37.22-014 ENVIRONMENTAL CONDITIONS AND BIOPRODUCTIVITY OF THE SEA, PROCEEDINGS.
All-Union Research Institute of Marine Fisheries and Oceanography (VNIRO), 1982. 119 p.

37.22-014 .1 Arzhanova, N.
REGENERATION OF BIOGENIC SALTS AFTER BACTERIAL DESTRUCTION OF ORGANIC MATTER OF DIED-OFF PLANKTON IN THE ATLANTIC.
Its p. 7-15.

37.22-014 .2 Mordasova, N.
CHLOROPHYLL 'a' IN THE SOUTHEAST ATLANTIC.
Its p. 15-20.

37.22-014 .3 Naletova, I.
DISSOLVED AMINO ACIDS IN THE BELLINGSHAUSEN SEA AND CHILEAN AREA OF THE SOUTHEAST PACIFIC.
Its p. 20-25.

37.22-014 .4 Andreeva, N. Agatova, A.
I. COMPARATIVE BIOGEOCHEMICAL CHARACTERISTICS OF ORGANIC MATTER IN THE ACTIVE LAYER OF BOTTOM SEDIMENTS OF THE CASPIAN SEA AND THE SEA OF JAPAN.
Its p. 25-33.

37.22-014 .5 Zaslavskij, E.
DETRITAL ORGANIC MATTER IN MARINE BOTTOM SEDIMENTS.
Its p. 33-44.

37.22-014 .6 Gurina, A. Dyemin, Yu. Elizarov, A. Khomutov, A. Sheherbinin, A.
CHARACTERISTICS OF SPATIAL HETEROGENEITY OF THE DENSITY FIELD IN THE NORTH ATLANTIC WITH REFERENCE TO PRODUCTIVITY OF WATER.
Its p. 44-52.

37.22-014 .7 Gurina, A. Dyemin, Yu. Elizarov, A. Khomutov, A.
CHARACTERISTICS OF SPATIAL HETEROGENEITY OF THE DENSITY FIELD IN THE SOUTH ATLANTIC WITH REFERENCE TO PRODUCTIVITY OF WATER.
Its p. 52-57.

37.22-014 .8 Khvatskij, N.
HYDROLOGY OF WATERS IN THE AGULHAS PLATEAU AND SCHMIDT-OTT SEAMOUNT AREAS.
Its p. 57-62.

37.22-014 .9 Lanin, V.
ON FORMATION OF A PRODUCTIVE ZONE IN THE MASCARENE RIDGE AREA.
Its p. 62-66.

37.22-014 .10 Mordasova, N.
NEW HYDROCHEMICAL DATA ON THE SOUTHEAST ATLANTIC WATER.
Its p. 67-74.

37.22-014 .11 Sapozhnikov, V.
MAIN CHARACTERISTICS OF THE HYDROCHEMICAL STRUCTURE IN THE EASTERN PART OF THE SOUTH TROPICAL DIVERGENCE ZONE.
Its p. 74-85.

37.22-014 .12 Zyryanov, V.
CHARACTERISTICS OF CURRENTS IN THE AREAS OF SUBMARINE RIDGES AND ISOLATED ELEVATIONS OF THE OCEANIC BOTTOM. TAYLOR EDDIES.
Its p. 98-109.

37.22-014 .13 Vershinskij, N. Solov'yev, A.
MEASUREMENT OF TEMPERATURE IN A THIN SURFACE LAYER OF THE OCEAN.
Its p. 109-115.

37.22-015 CHARACTERISTICS OF THE PELAGIC COMMUNITY FROM THE SEA OF SCOTIA AND ADJACENT WATERS, COLLECTED PAPERS.
All-Union Research Institute of Marine Fisheries and Oceanography (VNIRO), 1982. 93 p.

37.22-015 .1 Movchan, O.
THE DEPENDENCE OF THE YIELD OF PHYTOPLANKTON ON THE VERTICAL MOVEMENTS OF WATER IN THE SEA OF SCOTIA.
Its p. 7-30.

37.22-015 .2 Makarov, R.
THE DISTRIBUTION AND AGE COMPOSITION OF EUPHAUSIID LARVAE IN THE SEA OF SCOTIA AND OFF THE WESTERN COAST OF THE GRAHAM LAND IN SPRING AND EARLY SUMMER.
Its p. 30-47.

37.22-015 .3 Vladimirskaya, E.
SEASONAL CHANGES IN ZOOPLANKTON IN THE SEA OF SCOTIA AND ADJACENT WATERS.
Its p. 48-60.

37.22-015 .4 Khromov, N.
THE STRUCTURE OF THE PLANKTON COMMUNITY IN THE SOUTHWEST ATLANTIC IN WINTER.
Its p. 61-68.

37.22-015 .5 Tarverdieva, M.
THE FOOD COMPOSITION, DAILY RATION AND FEEDING HABITS OF THE ICEFISH CHAMPSOCEPHALUS GUNNARI LONNB. OFF THE SOUTH ORKNEYS.
Its p. 69-76.

37.22-015 .6 Chekunova, V. Naumov, A.
ENERGY METABOLISM OF NOTOTHENIA GIBBERIFRONS LONNB. OFF SOUTH GEORGIA.
Its p. 76-85.

38 UNITED KINGDOM

38.14 UNITED KINGDOM. NATURAL ENVIRONMENT RESEARCH COUNCIL

38.14-214 NEWS BULLETIN, (6), MARCH 1983.
Natural Environment Research Council, Marine Information and Advisory Service. 16 p.

38.14-215 MIAS CATALOGUE OF WAVE DATA.
Natural Environment Research Council, Marine Information and Advisory Service, MIAS Reference Publication No. 1, Second Edition, March 1982. 502 p.

38.14-216 INSTITUTE OF OCEANOGRAPHIC SCIENCES, ANNUAL REPORT, 1981.
Natural Environment Research Council, Marine Information and Advisory Service. 112 p.

38.14-217 UNITED KINGDOM RESEARCH VESSELS CRUISE PROGRAMMES, 1983.
Natural Environment Research Council. 23 p.

38.14-218 Alcock, G.
OFF SHORE BOTTOM PRESSURE RECORDS CELTIC SEA 1980.
Natural Environment Research Council, Institute of Oceanographic Sciences, Data Report No. 28, 1982. 28 p.

38.14-219 Collins, D. Pollard, R.
DAILY PLOTS OF CURRENT VECTORS OBTAINED DURING JASIN 1978.
Natural Environment Research Council, Institute of Oceanographic Sciences, Data Report No. 29, 1982. 144 p.

38.14-220 R. R. S. FREDERICK RUSSELL, CRUISE 19, 7TH-11TH DECEMBER 1981, NOISE TRIALS.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 121, 1982. 9 p.

38.14-221 FARNELLA CRUISE 3/81, 7TH NOVEMBER - 26TH NOVEMBER 1981. GLORIA STUDIES OF LOWER CONTINENTAL RISE AND ABYSSAL PLAIN SEDIMENTATION IN THE CANARY BASIN.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 122, 1982. 16 p.

38.14-222 FARNELLA CRUISE 4/81, 28th NOVEMBER - 19TH DECEMBER 1981. TIDE-GAUGE DEPLOYMENTS AND GLORIA STUDIES OF MID-ATLANTIC RIDGE FRACTURE ZONES BETWEEN THE AZORES AND NORTHERN SOUTH AMERICA.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 123, 1982. 18 p.

38.14-223 RRS DISCOVERY CRUISE 120, 9 MAY - 1 JUNE 1981. BIOLOGICAL AND PHYSICAL INVESTIGATIONS OF THE OCEANIC FRONT TO THE SOUTH-WEST OF THE AZORES.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 124, 1981. 27 p.

38.14-224 RRS DISCOVERY CRUISE 125, 30 JANUARY - 25 FEBRUARY 1982, GEOCHEMICAL SAMPLING OVER THE MADEIRA/CAPE VERDE ABYSSAL PLAINS.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 125, 1982. 20 p.

38.14-225 R. V. FARNELLA CRUISES 1 AND 2, 19 SEPTEMBER - 5 NOVEMBER 1981. GEOPHYSICAL STUDIES OF THE CONTINENTAL MARGIN ON THE EASTERN EDGE OF THE GRAND BANKS.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 126, 1982. 19 p.

38.14-226 RRS FREDERICK RUSSELL CRUISE 82/2, MARCH 16 - MARCH 29,1982. CURRENT MEASUREMENTS AND HYDROGRAPHY IN THE ROCKALL TROUGH AND FAROE-SHETLAND CHANNEL.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 127, 1982. 8 p.

38.14-227 RRS JOHN MURRAY CRUISE 5/81: 1-23 MAY 1981, CRUISE 7/81: 13-24 JUNE 1981, NORTH SEA.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 128, 1982. 78 p.

38.14-228 R.R.S. DISCOVERY CRUISE 124, 9TH - 18TH JANUARY 1982. TRIALS CRUISE FOLLOWING CONVERSION WORK.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 129, 1982. 11 p.

38.14-229 RRS DISCOVERY CRUISE 119, 7TH APRIL - 5 MAY 1981. PHYSICAL OCEANOGRAPHY OF A FRONTAL REGION SW OF THE AZORES.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 130, 1982. 23 p.

38.14-230 R.R.S. DISCOVERY CRUISE 123, 5TH AUGUST - 10TH SEPTEMBER 1981. GEOLOGICAL INVESTIGATIONS ON THE CONTINENTAL SLOPE TO THE WEST OF THE BRITISH ISLES AND NORWAY.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 131, 1982. 13 p.

38.14-231 RRS DISCOVERY CRUISE 128, 2 MAY - 26 MAY 1982. GEOCHEMICAL AND BIOLOGICAL STUDIES IN THE GUINEA BASIN.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 134, 1982. 26 p.

38.14-232 R.R.S. CHALLENGER CRUISE 14/81, 14 SEPTEMBER 1981 - 1 OCTOBER 1981. BENTHIC BIOLOGY AND PHYSIOLOGY IN THE PORCUPINE SEA-BIGHT.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 135, 1982. 20 p.

38.14-233 RRS DISCOVERY CRUISE 130, 25 JUNE - 5 AUGUST 1982. SOUND RANGING TRIALS AND A STUDY OF DISCOVERY GAP.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 136, 1982. 27 p.

38.14-234 RRS CHALLENGER CRUISE 14/82, 24 SEPTEMBER - 13 OCTOBER 1982. MOORING AND CTD WORK IN THE FAEROE-SHETLAND CHANNEL.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 139, 1982. 12 p.

38.14-235 RRS CHALLENGER CRUISE 5/82, 23 MARCH - 5 APRIL 1982. BENTHIC BIOLOGY OF THE PORCUPINE SEA-BIGHT.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 140, 1983. 19 p.

38.14-236 RRS DISCOVERY CRUISE 133, 22 - 27 FEBRUARY 1983. INSTRUMENT AND EQUIPMENT TRIALS.
Natural Environment Research Council, Institute of Oceanographic Sciences, Cruise Report No. 142, 1983. 10 p.

38.14-237 Simpson, P. (Editor)
SERIAL HOLDINGS OF THE INSTITUTE OF OCEANOGRAPHIC SCIENCES.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 13, 1983. 80 p.

38.14-238 Draper, L.
WAVES MEASURED AT GALLOPER LIGHT VESSEL, SOUTHERN NORTH SEA. DATA FOR MARCH 1971 TO FEBRUARY 1972 AT POSITION 51°43.9'N 01°57.8'E.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 57, 1977. 22 p.

38.14-239 Draper, L.
WAVES MEASURED AT HELWICK LIGHT VESSEL, BRISTOL CHANNEL. DATA

FOR AUGUST 1960 TO JULY 1961 AT POSITION 51°30.5'N 4°25.5'W.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 58, 1978. 26 p.

38.14-240 Draper, L. Carter, D.
WAVES AT MORECAMBE BAY LIGHT VESSEL IN 1957, SUMMARY ANALYSIS AND INTERPRETATION REPORT.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 113, 1982. 34 p.

38.14-241 Hammond, F.
PHYSICAL PROCESSES CONCERNING THE MOVEMENT OF FLUVIAL GRAVELS AND ITS RELEVANCE TO MARINE GRAVELS: A LITERATURE SURVEY.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 131, 1982. 72 p.

38.14-242 Humphrey, J.
CALIBRATION OF WAVERIDER SYSTEMS BY THE INSTITUTE OF OCEANOGRAPHIC SCIENCES, TAUNTON.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 133, 1982. 12 p.

38.14-243 Carter, D.
ESTIMATION OF WAVE SPECTRA FROM WAVE HEIGHT AND WAVE PERIOD.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 135, 1982. 20 p.

38.14-244 Smith, T.
THE RESPONSE OF ELECTRO-OPTICAL TURBIDITY METERS TO COHESIVE SEDIMENTS.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 137, 1982. 22 p.

38.14-245 Sauvel, J.
THE TIDAL DYNAMICS OF THE WESTERN NORTH SEA.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 138, 1982. 94 p.

38.14-246 Packwood, A.
DESIGN AND MODEL TESTING FOR AN AUTONOMOUS DEEP OCEAN CURRENT SENSING DEVICE.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 141, 1982. 33 p.

38.14-247 Challenor, P.
A NEW METHOD FOR THE ANALYSIS OF EXTREMES APPLICABLE TO ONE YEAR'S DATA.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 142, 1982. 24 p.

38.14-248 Humphery, J.
OPERATIONAL EXPERIENCES WITH WAVERIDER BUOYS AND THEIR MOORINGS.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 145, 1982. 33 p.

38.14-249 Lees, B.
SIZEWELL-DUNWICH BANKS FIELD STUDY, TOPIC REPORT: 7. FINAL REPORT, A STUDY OF NEARSHORE SEDIMENT TRANSPORT PROCESSES.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 146, 1983. 43 p.

38.14-250 Collins, D.
CTD DATA COLLECTED IN THE ROCKALL TROUGH ON RRS SHACKLETON CRUISE 5C/78 DURING JASIN 1978.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 147, 1982. 148 p. (WDCA-138.5 E-3)

38.14-251 Collins, D. Pollard, R. Suchen, P.
LONG SEASOAR CTD SECTIONS IN THE NORTH EAST ATLANTIC OCEAN COLLECTED DURING RRS DISCOVERY CRUISE 116.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 148, 1983. 75 p.

38.14-252 Flather, R. Proctor, R.
THE WEST COAST SURGE PREDICTION EXPERIMENT 1981-82.

Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 150, 1982. 83 p.

38.14-253 Hydes, D.
ANIMAL BURROWS IN DEEP-SEA SEDIMENTS.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 151, 1982. 36 p.

38.14-254 Soulsby, R. Davies, A. Wilkinson, R.
THE DETAILED PROCESSES OF SEDIMENT TRANSPORT BY TIDAL CURRENTS AND BY SURFACE WAVES.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 152, 1983. 80 p.

38.14-255 RESEARCH IN CONNEXION WITH THE POSSIBLE DISPOSAL OF HIGH LEVEL RADIOACTIVE WASTE ON OR BENEATH THE OCEAN FLOOR. STATUS REPORT - MARCH 1982, OCEAN DISPOSAL OF HIGH LEVEL RADIOACTIVE WASTE, A RESEARCH REPORT PREPARED FOR THE DEPARTMENT OF THE ENVIRONMENT.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 153, 1983. 65 p.

38.14-256 Crabb, J. Driver, J. Haine, R.
AN INTERCOMPARISON BETWEEN SIX WAVE RECORDERS AT NMI TOWER, CHRISTCHURCH BAY.
Natural Environment Research Council, Institute of Oceanographic Sciences, Report No. 154, 1983. 74 p.

38.00 UNITED KINGDOM. MISCELLANEOUS

38.00-025 UNIVERSITY MARINE BIOLOGICAL STATION, MILLPORT.
University of London and University of Glascow, Twelfth Annual Report, 1 August 1981 - 31 July 1982. 51 p.

39 UNITED STATES

39.01 UNITED STATES. SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA

39.01-267 DATA REPORT, PHYSICAL AND CHEMICAL DATA, CALCOFI CRUISE 7203, 1-28 MARCH 1972 AND CALCOFI CRUISE 7205, 11 APRIL - 14 JUNE 1972.
Scripps Institution of Oceanography, University of California, SIO Reference 82-14, 15 June 1982. 178 p. (WDCA-139.8 D-80)

39.01-268 DATA REPORT, PHYSICAL AND CHEMICAL DATA, CALCOFI CRUISE 7712, 29 NOVEMBER - 20 DECEMBER 1977, CALCOFI CRUISE 7801, 5 JANUARY - 1 FEBRUARY 1978, CALCOFI CRUISE 7803, 17 FEBRUARY - 15 MARCH 1978, CALCOFI CRUISE 7804, 29 MARCH - 26 APRIL 1978.
Scripps Institution of Oceanography, University of California, SIO Reference 82-21, November 1982. 244 p. (WDCA-125.3 A-4, A-5, 139.23 Y-1, Y-2)

39.02 UNITED STATES. LAMONT-DOHERTY GEOLOGICAL OBSERVATORY, COLUMBIA UNIVERSITY

39.02-102 Guerrero, R. Greengrove, C. Rennie, S. Huber, B. Gordon, A.
ATLANTIS II, CRUISE 107-3, DECEMBER 1979 - JANUARY 1980.
Lamont-Doherty Geological Observatory, Columbia University, Technical Report L-DGO-2, 1982. 328 p. (WDCA-139.1 C-39)

39.02-103 Jacobs, S. Haines, W.
OCEANOGRAPHIC DATA IN THE ROSS SEA AND ALONG GEORGE V COAST 1976-1979.
Lamont-Doherty Geological Observatory, Columbia University, 1982. 505 p. (WDCA-139.9 D-1, 139.16 B-11, 139.16 M-11, 239.5 C-1)

39.06 UNITED STATES. NATIONAL ACADEMY OF SCIENCES, NATIONAL RESEARCH COUNCIL

39.06-064 REPORT ON UNITED STATES ANTARCTIC RESEARCH ACTIVITIES, FEBRUARY 1982 - OCTOBER 1983. UNITED STATES ANTARCTIC RESEARCH ACTIVITIES PLANNED FOR OCTOBER 1983 - SEPTEMBER 1984.
National Academy of Sciences, National Research Council, Polar Research Board Report No. 25, June 1983. 99 p.

39.13 UNITED STATES. UNITED STATES COAST GUARD

39.13-109 Platz, B. Szabo, D. Murray, J.
OCEANOGRAPHIC OBSERVATIONS, NORTH PACIFIC OCEAN STATION NOVEMBER, JULY 1966 - JUNE 1974, AND PACIFIC STANDARD MONITORING SECTIONS P3, P4, P5 AND P6, FINAL REPORT.
U.S. Coast Guard, Department of Transportation, Oceanographic Report No. CG 373-82. 63 p.

39.13-110 Viekman, B.
A TWO DIMENSIONAL MODEL OF WIND FORCED INERTIAL OSCILLATIONS.
U.S. Coast Guard, Department of Transportation, Oceanographic Unit Technical Report 82-3. 22 p.

39.17-015 NATIONAL OCEANOGRAPHIC FLEET OPERATING SCHEDULES FOR 1983.
Naval Oceanographic Office, Washington, D.C., RP-34. 208 p.

39.17 UNITED STATES. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C.

39.21 UNITED STATES. WOODS HOLE OCEANOGRAPHIC INSTITUTION

39.21-209 Brewer, P.
HYDROGRAPHIC AND CHEMICAL DATA FROM THE BLACK SEA.
Woods Hole Oceanographic Institution, Reference No. 71-65, Unpublished Manuscript, November 1971. 119 p. (WDCA-139.1 C-40)

39.21-210 Metcalf, W. Stalcup, M. Zemanovic, M.
HYDROGRAPHIC STATION DATA FROM ATLANTIS II CRUISE 56 TO THE SOUTHEASTERN APPROACHES TO THE CARIBBEAN SEA, FEBRUARY - APRIL 1970.
Woods Hole Oceanographic Institution, Reference No. 71-13, Unpublished Manuscript, February 1971. 168 p. (WDCA-139.1 C-20)

39.21-211 Metcalf, W. Stalcup, M. Zemanovic, M.
HYDROGRAPHIC STATION DATA, CARIBBEAN SEA, KNORR CRUISE 25.
Woods Hole Oceanographic Institution, WHOI-73-10, Unpublished Manuscript, February 1973. 162 p. (WDCA-139.1 I-9)

39.27 UNITED STATES. FLORIDA STATE UNIVERSITY

39.27-085 Stuart, D. Linn, M.
METEOROLOGICAL AND AIRCRAFT DATA FOR OPUS 1981.
Florida State University, Department of Meteorology, Reference FSU-MET-Opus-83-1, August 1983. 57 p.

39.31 UNITED STATES. MARINE RESEARCH COMMITTEE, CALIFORNIA

39.31-027 Lynn, R. Bliss, K. Eber, L.
VERTICAL AND HORIZONTAL DISTRIBUTIONS OF SEASONAL MEAN TEMPERATURE, SALINITY, SIGMA-T, STABILITY, DYNAMIC HEIGHT, OXYGEN, AND OXYGEN SATURATION IN THE CALIFORNIA CURRENT, 1950-1978.
Marine Research Committee, California Cooperative Oceanic Fisheries Investigations, Atlas No. 30, August 1982. 513 p.

39.35 UNITED STATES. NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

39.35-427 Molinari, R.
DATA FROM THE NOAA SHIP VIRGINIA KEY AND THE SUSIO SHIP BELLOWS, COLLECTED DURING GIGAR SURVEY MONTH II.
National Oceanic and Atmospheric Administration, NOAA Technical Memorandum ERL AOML-22, August 1974. 153 p. (WDCA-139.22 C-8, 139.23 M-4)

39.35-428 Taylor, R.
MARINE FLORA AND FAUNA OF THE NORTHEASTERN UNITED STATES. LICHENS (ASCOMYGETES) OF THE INTERTIDAL REGION.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS Circular 446, August 1982. 26 p.

39.35-429 Shaw, W. (Editor)
PROGEEDINGS OF THE EIGHTH U.S.-JAPAN MEETING ON AQUACULTURE AT BELLINGHAM, WASHINGTON, OCTOBER 17-18, 1979.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS Circular 447, November 1982. 25 p.

39.35-430 Darcy, G.
SYNOPSIS OF BIOLOGICAL DATA ON THE GRUNTS HAEMULON AUROLINEATUM AND H. PLUMIERI (PISGES: HAEMULIDAE).
National Oceanic and Atmospheric Administration, FAO Fisheries Synopsis No. 133, NOA Technical Report NMFS Circular 448, February 1983. 37 p.

39.35-431 Darcy, G.
SYNOPSIS OF BIOLOGICAL DATA ON THE PIGFISH, ORTHOPRISTIS GHRYSOPTERA (PISCES: HAEMULIDAE).
National Oceanic and Atmospheric Administration, FAO Fisheries Synopsis No. 134, NOAA Technical Report NMFS Circular 449, March 1983. 23 p.

39.35-432 Dunn, J.
THE UTILITY OF DEVELOPMENTAL OSTEOLOGY IN TAXONOMIG AND SYSTEMATIC STUDIES OF TELEOST LARVAE: A REVIEW.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS Circular 450, June 1983. 19 p.

39.35-433 Moles, A.
PARASITE-HOST REGORDS OF ALASKAN FISHES.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-760, September 1982. 41 p.

39.35-434 Bretschneider, D. McLain, D.
SEA LEVEL VARIATIONS AT MONTEREY, GALIFORNIA.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-761, January 1983. 50 p.

39.35-435 Squire, J.
ABUNDANCE OF PELAGIG RESOURCES OFF GALIFORNIA, 1963-78, AS MEASURED BY AN AIRBORNE FISH MONITORING PROGRAM.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-762, February 1983. 75 p.

39.35-436 Nelson, C. Husby, D.
GLIMATOLOGY OF SURFACE HEAT FLUXES OVER THE CALIFORNIA CURRENT REGION.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-763, February 1983. 155 p.

39.35-437 Frost, K. Lowry, L.
DEMERSAL FISHES AND INVERTEBRATES TRAWLED IN THE NORTHEASTERN CHUKCHI AND WESTERN BEAUFORT SEAS, 1976-77.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-764, February 1983. 22 p.

39.35-438 Haynes, E.
DISTRIBUTION AND ABUNDANCE OF KING CRAB, PARALITHODES CAMTSCHATICA, AND PANDALID SHRIMP IN THE KACHEMAK BAY AREA, ALASKA, 1972 AND 1976.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-765, April 1983. 64 p.

39.35-439 Caracciolo, J. Steimle, F.
AN ATLAS OF THE DISTRIBUTION AND ABUNDANCE OF DOMINANT BENTHIC INVERTEBRATES IN THE NEW YORK BIGHT APEX WITH REVIEWS OF THEIR LIFE HISTORIES.

National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-766, March 1983. 58 p.

39.35-440 Creaser, E. Clifford, D. Hogan, M. Sampson, D.
A COMMERCIAL SAMPLING PROGRAM FOR SANDWORMS, NEREIS VIRENS SARS, AND BLOODWORMS, GLYCERA DIBRANCHIATA EHLERS, HARVESTED ALONG THE MAINE COAST.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-767, April 1983. 56 p.

39.35-441 Theroux, R. Wigley, R.
DISTRIBUTION AND ABUNDANCE OF EAST COAST BIVALVE MOLLUSCS BASED ON SPECIMENS IN THE NATIONAL MARINE FISHERIES SERVICE, WOODS HOLE COLLECTION.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-768, June 1983. 172 p.

39.35-442 Kaylor, J. Learson, R.
KRILL AND ITS UTILIZATION: A REVIEW.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-769, July 1983. 10 p.

39.35-443 Smolowitz, R.
MESH SIZE AND THE NEW ENGLAND GROUNDFISHERY - APPLICATIONS AND IMPLICATIONS.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-771, July 1983. 60 p.

39.35-444 Squire, J. Nielsen, D.
RESULTS OF A TAGGING PROGRAM TO DETERMINE MIGRATION RATES AND PATTERNS FOR BLACK MARLIN, MAKAIRA INDICA, IN THE SOUTHWEST PACIFIC OCEAN.
National Oceanic and Atmospheric Administration, NOAA Technical Report NMFS SSRF-772, July 1983. 19 p.

39.35-445 FISHERY BULLETIN 80(2), APRIL 1982.
National Oceanic and Atmospheric Administration, National Marine Fisheries Service. p. 161-402.

39.35-445 .1 Potthoff, T. Kelley, S.
DEVELOPMENT OF THE VERTEBRAL COLUMN, FINS AND FIN SUPPORTS, BRANCHIOSTEGAL RAYS, AND SQUAMATION IN THE SWORDFISH, XIPHIAS GLADIUS.
Its p. 161-186.

39.35-445 .2 Lough, R. Pennington, M. Bolz, G. Rosenberg, A.
AGE AND GROWTH OF LARVAL ATLANTIC HERRING, CLUPEA HARENGUS L., IN THE GULF OF MAINE-GEORGES BANK REGION BASED ON OTOLITH GROWTH INCREMENTS.
Its p. 187-199.

39.35-445 .3 Radtke, R. Dean, J.
INCREMENT FORMATION IN THE OTOLITHS OF EMBRYOS, LARVAE, AND JUVENILES OF THE MUMMICHOG, FUNDULUS HETEROCLITUS.
Its p. 201-215.

39.35-445 .4 Knight, M. Omori, M.
THE LARVAL DEVELOPMENT OF SERGESTES SIMILIS HANSEN (CRUSTACEA, DECAPODA, SERGESTIDAE) REARED IN THE LABORATORY.
Its p. 217-243.

39.35-445 .5 Rosenberg, A.
GROWTH OF JUVENILE ENGLISH SOLE, PAROPHRYS VETULUS, IN ESTUARINE AND OPEN COASTAL NURSERY GROUNDS.
Its p. 245-252.

39.35-445 .6 Skinner, R.
THE INTERRELATION OF WATER QUALITY, GILL PARASITES, AND GILL PATHOLOGY OF SOME FISHES FROM SOUTH BISCAYNE BAY, FLORIDA.
Its p. 269-280.

39.35-445 .7 Miller, R. Spinelli, J.
THE EFFECT OF PROTEASE INHIBITORS ON PROTEOLYSIS IN PARASITED PACIFIC WHITING, MERLUCCUS PRODUCTUS, MUSCLE.
Its p. 281-286.

39.35-445 .8 Clarke, T.
FEEDING HABITS OF STOMIATOID FISHES FROM HAWAIIAN WATERS.
Its p. 287-304.

39.35-445 .9 Haynes, E.
DESCRIPTION OF LARVAE OF THE GOLDEN KING CRAB, LITHODES AEQUISPINA, REARED IN THE LABORATORY.
Its p. 305-314.

39.35-445 .10 Mann, R.
THE SEASONAL CYCLE OF GONADAL DEVELOPMENT IN ARCTICA ISLANDICA FROM THE SOUTHERN NEW ENGLAND SHELF.
Its p. 315-326.

39.35-445 .11 Whitledge, T.
REGENERATION OF NITROGEN BY THE NEKTON AND ITS SIGNIFICANCE IN THE NORTHWEST AFRICA UPWELLING ECOSYSTEM.
Its p. 327-335.

39.35-445 .12 Brundage, H. Meadows, R.
THE ATLANTIC STURGEON, ACIPENSER OXYRHYNCHUS, IN THE DELAWARE RIVER ESTUARY.
Its p. 337-343.

39.35-445 .13 Wolff, G.
A BEAK KEY FOR EIGHT EASTERN TROPICAL PACIFIC CEPHALOPOD SPECIES WITH RELATIONSHIPS BETWEEN THEIR BEAK DIMENSIONS AND SIZE.
Its p. 357-370.

39.35-445 .14 Trumble, R. Thorne, R. Lemberg, N.
THE STRAIT OF GEORGIA HERRING FISHERY: A CASE HISTORY OF TIMELY MANAGEMENT AIDED BY HYDROACOUSTIC SURVEYS.
Its p. 381-388.

39.35-446 FISHERY BULLETIN 80(3), JULY 1982.
National Oceanic and Atmospheric Administration, National Marine Fisheries Service. p. 403-651.

39.35-446 .1 Watson, W.
DEVELOPMENT OF EGGS AND LARVAE OF THE WHITE CROAKER, GENYONEMUS LINEATUS AYRES (PISCES: SCIAENIDAE), OFF THE SOUTHERN CALIFORNIA COAST.
Its p. 403-417.

39.35-446 .2 Anger, K. Dawirs, R.
ELEMENTAL COMPOSITION (C, N, H) AND ENERGY IN GROWING AND STARVING LARVAE OF HYAS ARANEUS (DECAPODA, MAJIDAE).
Its p. 419-433.

39.35-446 .3 Ralston, S. Polovina, J.
A MULTISPECIES ANALYSIS OF THE COMMERCIAL DEEP-SEA HANDLINE FISHERY IN HAWAII.
Its p. 435-448.

39.35-446 .4 Macy, W.
DEVELOPMENT AND APPLICATION OF AN OBJECTIVE METHOD FOR CLASSIFYING LONG-FINNED SQUID, LOLIGO PEALEI, INTO SEXUAL MATURITY STAGES.
Its p. 449-459.

39.35-446 .5 Eldridge, M. Whipple, J. Bowers, M.
BIOENERGETICS AND GROWTH OF STRIPED BASS, MORONE SAXATILIS, EMBRYOS AND LARVAE.
Its p. 461-474.

39.35-446 .6 Morgan, G. Phillips, B. Joll, L.
STOCK AND RECRUITMENT RELATIONSHIPS IN PANULIRUS CYGNUS, THE COMMERCIAL ROCK (SPINY) LOBSTER OF WESTERN AUSTRALIA.
Its p. 475-486.

39.35-446 .7 DeVries, D. Chittenden, M.
SPAWNING, AGE DETERMINATION, LONGEVITY, AND MORTALITY OF THE SILVER SEATROUT, CYNOSCION NOTHUS, IN THE GULF OF MEXICO.
Its p. 487-500.

39.35-446 .8 Gore, R. Scotto, L.
CYCLOGRAPSUS INTEGER H. MILNE EDWARDS, 1837 (BRACHYURA, GRAPSIDAE): THE COMPLETE LARVAL DEVELOPMENT IN THE LABORATORY, WITH NOTES ON LARVAE OF THE GENUS CYCLOGRAPSUS.
Its p. 501-521.

39.35-446 .9 Geoghegan, P. Chittenden, M.
REPRODUCTION, MOVEMENTS, AND POPULATION DYNAMICS OF THE LONGSPINE PORGY, STENOTOMUS CAPRINUS.
Its p. 523-540.

39.35-446 .10 Rothlisberg, P.
VERTICAL MIGRATION AND ITS EFFECT ON DISPERSAL OF PENAEID SHRIMP LARVAE IN THE GULF OF CARPENTARIA, AUSTRALIA.
Its p. 541-554.

39.35-446 .11 Hogue, E. Carey, A.
FEEDING ECOLOGY OF O-AGE FLATFISHES AT A NURSERY GROUND ON THE OREGON COAST.
Its p. 555-565.

39.35-446 .12 Colby, D. Hoss, D. Blaxter, J.
PRESSURE SENSITIVITY OF ATLANTIC

HERRING, CLUPEA HARENGUS L., LARVAE.
Its p. 567-574.

39.35-446 .13 Daniels, R.
FEEDING ECOLOGY OF SOME FISHES OF THE ANTARCTIC PENINSULA.
Its p. 575-588.

39.35-446 .14 Bailey, K.
THE EARLY LIFE HISTORY OF THE PACIFIC HAKE, MERLUCCIUS PRODUCTUS.
Its p. 589-598.

39.35-446 .15 Bath, D. O'Connor, J.
THE BIOLOGY OF THE WHITE PERCH MORONE AMERICANA, IN THE HUDSON RIVER ESTUARY.
Its p. 599-610.

39.35-446 .16 Ulanowicz, R. Ali, M. Vivian, A. Heinle, D. Richkus, W. Summers, J.
IDENTIFYING CLIMATIC FACTORS INFLUENCING COMMERCIAL FISH AND SHELLFISH LANDINGS IN MARYLAND.
Its p. 611-619.

39.35-447 FISHERY BULLETIN 80(4), OCTOBER 1982.
National Oceanic and Atmospheric Administration, National Marine Fisheries Service. p. 653-925.

39.35-447 .1 Millikin, M.
QUALITATIVE AND QUANTITATIVE NUTRIENT REQUIREMENTS OF FISHES: A REVIEW.
Its p. 655-686.

39.35-447 .2 Wetherall, J.
ANALYSIS OF DOUBLE-TAGGING EXPERIMENTS.
Its p. 687-701.

39.35-447 .3 Burgess, L.
FOUR NEW SPECIES OF SQUID (OEGOPSIDA: ENOPLOTEUTHIS) FROM THE CENTRAL PACIFIC AND A DESCRIPTION OF ADULT ENOPLOTEUTHIS RETICULATA.
Its p. 703-734.

39.35-447 .4 Creaser, E. Clifford, D.
LIFE HISTORY STUDIES OF THE SANDWORM, NEREIS VIRENS SARS, IN THE SHEEPSCOT ESTUARY, MAINE.
Its p. 735-743.

39.35-447 .5 Langton, R.
DIET OVERLAP BETWEEN ATLANTIC COD, GADUS MORHUA, SILVER HAKE, MERLUCCIUS BILINEARIS, AND FIFTEEN OTHER NORTHWEST ATLANTIC FINFISH.
Its p. 745-759.

39.35-447 .6 Hettler, W. Chester, A.
THE RELATIONSHIP OF WINTER TEMPERATURE AND SPRING LANDINGS OF PINK SHRIMP, PENAEUS DUORARUM IN NORTH CAROLINA.
Its p. 761-768.

39.35-447 .7 Allen, L.
SEASONAL ABUNDANCE, COMPOSITION, AND PRODUCTIVITY OF THE LITTORAL FISH ASSEMBLAGE IN UPPER NEWPORT BAY, CALIFORNIA.
Its p. 769-790.

39.35-447 .8 Botsford, L. Methot, R. Wilen, J.
CYCLE COVARIATION IN THE CALIFORNIA KING SALMON, ONCORHYNCHUS TSHAWYTSCHA, SILVER SALMON, O. KISUTCH, AND DUNGENESS CRAB, CANCER MAGISTER FISHERIES.
Its p. 791-801.

39.35-447 .9 Webb, P. Keyes, R.
SWIMMING KINEMATICS OF SHARKS.
Its p. 803-812.

39.35-447 .10 Beacham, T. Starr, P.
POPULATION BIOLOGY OF CHUM SALMON, ONCORHYNCHUS KETA, FROM THE FRASER RIVER, BRITISH COLUMBIA.
Its p. 813-825.

39.35-447 .11 Laroche, J.
TROPHIC PATTERNS AMONG LARVAE OF FIVE SPECIES OF SCULPINS (FAMILY: COTTIDAE) IN A MAINE ESTUARY.
Its p. 827-840.

39.35-447 .12 Peterson, W. Brodeur, R. Pearcy, W.
FOOD HABITS OF JUVENILE SALMON IN THE OREGON COASTAL ZONE, JUNE 1979.
Its p. 841-851.

39.35-447 .13 Colin, P.
SPAWNING AND LARVAL DEVELOPMENT OF THE HOGFISH, LACHNOLAIMUS MAXIMUS (PISCES: LABRIDAE).
Its p. 853-862.

39.35-447 .14 Waltz, C. Roumillat, W. Wenner, C.
BIOLOGY OF THE WHITEBONE PORGY, CALAMUS LEUCOSTEUS, IN THE SOUTH ATLANTIC BIGHT.
Its p. 863-874.

39.35-447 .15 Watkins, W. Schevill, W.
OBSERVATIONS OF RIGHT WHALES, EUBALAENA GLACIALIS, IN CAPE COD WATERS.
Its p. 875-880.

39.35-447 .16 Boehlert, G. Barss, W. Lamberson, P.
FECUNDITY OF THE WIDOW ROCKFISH, SEBASTES ENTOMELAS, OFF THE COAST OF OREGON.
Its p. 881-884.

39.35-447 .17 Babinchak, J. Goldmintz, D. Richards, G.
A COMPARATIVE STUDY OF AUTOCHTHONOUS BACTERIAL FLORA ON THE GILLS OF THE BLUE CRAB, CALLINECTES SAPIDUS, AND ITS ENVIRONMENT.
Its p. 884-890.

39.35-447 .18 Le Boeuf, B. Riedman, M. Keys, R.
WHITE SHARK PREDATION ON PINNIPEDS IN CALIFORNIA COASTAL WATERS.
Its p. 891-895.

39.35-447 .19 Schlotterbeck, R. Connally, D.
VERTICAL STRATIFICATION OF THREE NEARSHORE SOUTHERN CALIFORNIA LARVAL FISHES (ENGRAULIS MORDAX, GENYONEMUS LINEATUS, AND SERIPHUS POLITUS).
Its p. 895-902.

39.35-447 .20 Libby, D.
DECREASE IN LENGTH AT PREDOMINANT AGES DURING A SPAWNING MIGRATION OF THE ALEWIFE, ALOSA PSEUDO HARENGUS.
Its p. 902-905.

39.35-447 .21 Goldberg, S.
SEASONAL SPAWNING CYCLE OF THE LONGFIN SANDDAB, CITHARICHTHYS XANTHOSTIGMA (BOTHIDAE).
Its p. 906-907.

39.35-447 .22 Robinson, G.
OTTER TRAWL SAMPLING BIAS OF THE GILL PARASITE, LIRONECA VULGARIS (ISOPODA, CYMOTHOIDAE) FROM SANDDAB HOSTS, CITHARICHTHYS SPP.
Its p. 907-909.

39.35-448 FISHERY BULLETIN 81(1), JANUARY 1983.
National Oceanic and Atmospheric Administration, National Marine Fisheries Service. 175 p.

39.35-448 .1 Smith, T.
CHANGES IN SIZE OF THREE DOLPHIN (STENELLA SPP.) POPULATIONS IN THE EASTERN TROPICAL PACIFIC.
Its p. 1-13.

39.35-448 .2 Langton, R.
FOOD HABITS OF YELLOWTAIL FLOUNDER, LIMANDA FERRUGINIA (STORER), FROM OFF THE NORTHEASTERN UNITED STATES.
Its p. 15-21.

39.35-448 .3 Dunn, J.
DEVELOPMENT AND DISTRIBUTION OF THE YOUNG OF NORTHERN SMOOTHTONGUE, LEUROGLOSSUS SCHMIDTI (BATHYLAGIDAE), IN THE NORTHEAST PACIFIC, WITH COMMENTS ON THE SYSTEMATICS OF THE GENUS LEUROGLOSSUS GILBERT.
Its p. 23-40.

39.35-448 .4 Katz, S. Grimes, C. Able, K.
DELINEATION OF TILEFISH, LOPHOLATILUS CHAMAELEONTICEPS, STOCKS ALONG THE UNITED STATES EAST COAST AND IN THE GULF OF MEXICO.
Its p. 41-50.

39.35-448 .5 Richards, R. Cobb, J. Fogarty, M.
EFFECTS OF BEHAVIORAL INTERACTIONS ON THE CATCHABILITY OF AMERICAN LOBSTER, HOMARUS AMERICANUS, AND TWO SPECIES OF CANCER CRABS.
Its p. 51-60.

39.35-448 .6 Parsons, G.
THE REPRODUCTIVE BIOLOGY OF THE ATLANTIC SHARPNOSE SHARK, RHIZOPRIONODON TERRAENOVAE (RICHARDSON).
Its p. 61-73.

39.35-448 .7 Appeldoorn, R.
VARIATION IN THE GROWTH RATE OF MYA ARENARIA AND ITS RELATIONSHIP TO THE ENVIRONMENT AS

ANALYZED THROUGH PRINCIPAL COMPONENTS ANALYSIS AND THE ω PARAMETER OF THE VON BERTALANFFY EQUATION.
Its p. 75-84.

39.35-448 .8 Shaklee, J. Brill, R. Acerra, R.
BIOCHEMICAL GENETICS OF PACIFIC BLUE MARLIN, MAKAIRA NIGRICANS, FROM HAWAIIAN WATERS.
Its p. 85-90.

39.35-448 .9 Bartoo, N. Parker, K.
STOCHASTIC AGE-FREQUENCY ESTIMATION USING THE VON BERTALANFFY GROWTH EQUATION.
Its p. 91-96.

39.35-448 .10 Johnson, A. Fable, W. Williams, M. Barger, L.
AGE, GROWTH, AND MORTALITY OF KING MACKEREL, SCOMBEROMORUS CAVALLA, FROM THE SOUTHEASTERN UNITED STATES.
Its p. 97-106.

39.35-448 .11 Hanan, D.
REVIEW AND ANALYSIS OF THE BLUEFIN TUNA, THUNNUS THYNNUS, FISHERY IN THE EASTERN NORTH PACIFIC OCEAN.
Its p. 107-119.

39.35-448 .12 Swartzman, G. Haar, R.
INTERACTIONS BETWEEN FUR SEAL POPULATIONS AND FISHERIES IN THE BERING SEA.
Its p. 121-132.

39.35-448 .13 Durbin, A. Durbin, E. Smayda, T. Verity, P.
AGE, SIZE, GROWTH, AND CHEMICAL COMPOSITION OF ATLANTIC MENHADEN, BREVOORTIA TYRANNUS, FROM NARRAGANSETT BAY, RHODE ISLAND.
Its p. 133-141.

39.36 UNITED STATES. NATIONAL SCIENCE FOUNDATION

39.36-096 ANTARCTIC JOURNAL OF THE UNITED STATES 17(1), MARCH 1982.
National Science Foundation.
16 p.

39.36-097 ANTARCTIC JOURNAL OF THE UNITED STATES 17(4), DECEMBER 1982.
National Science Foundation.
24 p.

39.36-098 ANTARCTIC JOURNAL OF THE UNITED STATES 17(5), 1982 REVIEW.
National Science Foundation.
279 p.

39.36-098 .1 Gordon, A.
THE U.S.-U.S.S.R. WEDDELL POLYNYA EXPEDITION.
Its p. 96-98.

39.36-098 .2 Gordon, A. Huber, B.
PHYSICAL OCEANOGRAPHY DURING WEPOLEX-81.
Its p. 98-100.

39.36-098 .3 Clarke, D. Ackley, S.
PHYSICAL, CHEMICAL, AND BIOLOGICAL PROPERTIES OF WINTER SEA ICE IN THE WEDDELL SEA.
Its p. 107-109.

39.36-098 .4 Ichiye, T.
FRONTAL BAROCLINIC INSTABILITY OF THE ANTARCTIC FRONT ZONE.
Its p. 116-117.

39.36-098 .5 Biggs, D.
ROSS SEA AMMONIUM FLUX EXPERIMENT.
Its p. 144-146.

39.36-098 .6 Amos, A.
PHYSICAL OCEANOGRAPHY OF THE SOUTHWESTERN ROSS SEA, JANUARY 1982.
Its p. 146-148.

39.36-099 ANTARCTIC JOURNAL OF THE UNITED STATES 18(2), JUNE 1983.
National Science Foundation.
23 p.

39.39 UNITED STATES. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

39.39-007 THE MARINE RESOURCES EXPERIMENT PROGRAM (MAREX). REPORT OF THE OCEAN COLOR SCIENCE WORKING GROUP.
National Aeronautics and Space Administration, December 1982.
118 p.

39.39-008 Pravdo, S. Huneycutt, B. Holt, B. Held, D.
SEASAT SYNTHETIC-APERTURE RADAR DATA USER'S MANUEL.
National Aeronautics and Space Administration, JPL Publication 82-90, March 1, 1983. 113 p.

39.40 UNITED STATES. UNIVERSITY OF ALASKA

39.40-103 RESEARCH ANNUAL REPORT, 1981-1982. University of Alaska. 122 p.

39.46 UNITED STATES. UNIVERSITY OF HAWAII

39.46-032 Firing, E. Fenander, C. Miller, J.
PROFILING CURRENT METER MEASUREMENTS FROM THE NORPAX HAWAII TO TAHITI SHUTTLE EXPERIMENT.
University of Hawaii, Data Report 39, July 1981. 146 p.

39.48 UNITED STATES. UNIVERSITY OF PUERTO RICO

39.48-010 CONTRIBUTIONS, 18, 1980.
University of Puerto Rico, Department of Marine Sciences. 204 p.

39.48-010 .1 Shapiro, D.
SOCIAL BEHAVIOR, GROUP STRUCTURE, AND THE CONTROL OF SEX REVERSAL IN HERMAPHRODITIC FISH.
Its Contribution No. 335. 60 p.

39.48-010 .2 Shapiro, D. Lubbock, R.
GROUP SEX RATIO AND SEX REVERSAL.
Its Contribution No. 336. 16 p.

39.48-010 .3 Williams, E.
ROGERSUS ROGERSI GEN. ET SP. N. (CESTODA: CARYOPHYLLAEIDAE) FROM THE BLACKTAIL REDHORSE, MOXOSTOMA POECILURUM (JORDAN), (OSTEICHTHYES) IN THE SOUTHEASTERN UNITED STATES.
Its Contribution No. 337. 5 p.

39.48-010 .4 Waldner, R. Robertson, D.
PATTERNS OF HABITAT PARTITIONING BY EIGHT SPECIES OF TERRITORIAL CARIBBEAN DAMSELFISHES (PISCES: POMACENTRIDAE).
Its Contribution No. 340. 16 p.

39.48-010 .5 Shapiro, D.
SERIAL FEMALE SEX CHANGES AFTER SIMULTANEOUS REMOVAL OF MALES FROM SOCIAL GROUPS OF A CORAL REEF FISH.
Its Contribution No. 341. 2 p.

39.48-010 .6 Williams, E.
TWO NEW SPECIES OF ANYROCEPHALUS (MONOGENEA: DACTYLOGYRIDAE) FROM MARINE FISHES OF THE NORTHERN GULF OF MEXICO.
Its Contribution No. 342. 5 p.

39.48-010 .7 Bashirullah, A. Williams, E.
FIVE NEW SPECIES OF THE GENUS SPIROCAMMALANUS OLSEN, 1952 (CAMALLAINIDAE, NEMATODA) FROM MARINE FISHES.
Its Contribution No. 343. 6 p.

39.48-010 .8 Williams, E. Williams, L.
FOUR NEW SPECIES OF RENOCILA (ISOPODA: CYMOTHOIDAE), THE FIRST REPORTED FROM THE NEW WORLD.
Its Contribution No. 346. 20 p.

39.48-011 CONTRIBUTIONS, 19, 1981.
University of Puerto Rico, Department of Marine Sciences. 121 p.

39.48-011 .1 Navarro, J.
A SURVEY OF THE MARINE DIATOMS OF PUERTO RICO. I. SUBORDERS COSCINODISCINEAE AND RHIZOSOLENIINEAE.
Its Contribution No. 350. 13 p.

39.48-011 .2 Diaz-Piferrer, M.
THE GENUS SARGASSUM IN WESTERN ATLANTIC: A BIOGEOGRAPHICAL APPROACH.
Its Contribution No. 351. 6 p.

39.48-011 .3 Shapiro, D.
SEQUENCE OF COLORATION CHANGES DURING SEX REVERSAL IN THE TROPICAL MARINE FISH ANTHIAS SQUAMIPINNIS (PETERS).
Its Contribution No. 352. 16 p.

39.48-011 .4 Bunkley, L. Williams, E.
NINE NEW SPECIES OF ANILOCRA (CRUSTACEA: ISOPODA: CYMOTHOIDAE) EXTERNAL PARASITES OF WEST INDIAN CORAL REEF FISHES.
Its Contribution No. 355. 43 p.

39.48-011 .5 Weinberg, S.
A COMPARISON OF CORAL REEF SURVEY METHODS.
Its Contribution No. 356. 22 p.

39.48-011 .6 Molinari, R. Spillane, M. Brooks, I. Atwood, N. Duckett, C.

SURFACE CURRENTS IN THE CARIBBEAN SEA AS DEDUCED FROM LANGRANGIAN OBSERVATIONS.
Its Contribution No. 357. 6 p.

42 YUGOSLAVIA

42.01 YUGOSLAVIA. INSTITUTE OF OCEANOGRAPHY AND FISHERIES, SPLIT

42.01-091 Onofri, I. Onofri, V.
NEW FINDINGS OF THE SPECIES CONDYLACTIS AURANTIACA (DELLE CHIAJE) (HEXACORALLIA, ACTINIIDAE).
Institute of Oceanography and Fisheries, Split, Biljeske-Notes, No. 45, 1982. p. 1-4.

42.01-092 ACTA ADRIATICA 22(1/2), 1981.
Institute of Oceanography and Fisheries, Split. 187 p.

42.01-092 .1 Zore-Armanda, M.
RESULTS OF THE RESEARCH ACTIVITIES OF THE INSTITUTE OF OCEANOGRAPHY AND FISHERIES FOR THE FIFTY YEARS OF ITS EXISTENCE.
Its p. 5-54.

42.01-092 .2 Sucevic, P.
BIBLIOGRAPHY, INSTITUTE OF OCEANOGRAPHY AND FISHERIES, 1930-1980.
Its p. 55-187.

43 KOREA (REPUBLIC)

43.02 KOREA (REPUBLIC). FISHERIES RESEARCH AND DEVELOPMENT AGENCY

43.02-056 ANNUAL REPORT OF OCEANOGRAPHIC OBSERVATIONS, 30, 1981.
Fisheries Research and Development Agency, December 1982. 536 p. (WDCA-143.2 F-14, G-20, H-15, I-11, 243.1 A-27, C-11)

43.02-057 BULLETIN OF FISHERIES RESEARCH AND DEVELOPMENT AGENCY, (28).
Fisheries Research and Development Agency, August 1982. 323 p.

43.02-057 .1 Hahn, S.
SEASONAL VARIATION OF COASTAL WATER MOVEMENT IN KOREA.
Its p. 15-24.

43.02-057 .2 Gong, Y. Son, S.
A STUDY OF OCEANIC THERMAL FRONTS IN THE SOUTHWESTERN JAPAN SEA.
Its p. 25-54.

43.02-057 .3 Park, J.
STUDIES ON THE CHARACTERISTICS OF RED TIDE AND ENVIRONMENTAL CONDITIONS IN JINHAE BAY.
Its p. 55-88.

43.02-057 .4 Park, J. Lee, S.
DISTRIBUTION AND COMPOSITION OF CHAETOGNATHS AND COPEPODS AND THEIR CHARACTERISTICS AS BIOLOGICAL INDICATORS TO ASSESS ENVIRONMENTAL POLLUTION LEVELS IN THE SOUTH COAST OF KOREA.
Its p. 89-126.

43.02-057 .5 Doi, T.
PRACTICAL AND RAPID DIAGNOSIS METHOD EXEMPLIFIED BY RED SEA BREAMS, PAGRUS MAJOR, IN THE SETO INLAND SEA.
Its p. 127-146.

43.02-057 .6 Shojima, E. Otaki, H.
LUNAR RHYTHMIC CATCH FLUCTUATION IN THE YELLOW CROAKER, PSEUDOSCIAENA POLIACTIS.
Its p. 147-166.

43.02-057 .7 Yoo, S. Ryu, H.
THE METAMORPHOSIS OF THE SEA SQUIRT, HALOCYNTHIA RORETZI: HATCHING, SETTLEMENT AND TAIL REDUCTION OF THE TADPOLE LARVA.
Its p. 177-183.

43.02-057 .8 Kim, S. Kim, B. Park, J. Cho, G. Hong, G. Shin, J.
BACTERIOLOGICAL SURVEY OF SHELLFISH GROWING WATERS ON YONGNAM-GWANGDO AREA.
Its p. 215-235.

43.02-057 .9 Maurin, C.
LES DEVERSEMENTS PETROLIERS ACCIDENTELS ET LEURS CONSEQUENCES SUR LES RESSOURCES MARINES VIVANTES EXPLOITABLES EN PRENANT POUR REFERENCE L'ACCIDENT DE L'AMOCO-CADIZ.
VARIOUS ACCIDENTAL OIL SPILLS AND THEIR CONSEQUENCES FOR EXPLOITABLE LIVING MARINE RESOURCES

WITH PARTICULAR REFERENCE TO THE AMOCO CADIZ ACCIDENT.
Its p. 237-252.

43.02-057 .10 Shim, J.
ON THE TROPHIC STRUCTURE OF MARINE ECOSYSTEMS.
Its p. 253-258.

43.02-057 .11 Lee, S.
CONTRIBUTIONS AND FUTURE PROBLEMS IN THE STUDY OF PHYSICAL OCEANOGRAPHY IN THE KOREAN WATERS.
Its p. 259-270.

43.02-057 .12 Kang, J. Yoo, S. Kang, Y.
THE PRESENT STATUS AND PROBLEMS IN EXPLOITING MARINE LIVING RESOURCES IN COASTAL WATERS OF KOREA.
Its p. 271-280.

43.02-057 .13 Marasco, R. Aron, W.
TRENDS IN THE FISHERIES RESEARCH OF THE NORTH PACIFIC FOR THE 1980'S.
Its p. 281-292.

43.02-058 BULLETIN OF FISHERIES RESEARCH AND DEVELOPMENT AGENCY, (29).
Fisheries Research and Development Agency, August 1982. 70 p.

43.02-058 .1 Chang, D. Chun, S. Cheong, S. Seo, H.
A STUDY ON THE MORTALITY OF SEA SQUIRT, HALOCYNTHIA RORETZI (DRASCHE).
Its p. 7-40.

43.02-058 .2 Rho, H. Park, K. Lee, K. Lim, K. Chung, K.
STUDIES ON THE ENVIRONMENTAL CONDITIONS OF THE AREA STOCKING WITH ABALONE SPAT OF JEJU ISLAND.
Its p. 41-58.

43.02-059 BULLETIN OF FISHERIES RESEARCH AND DEVELOPMENT AGENCY, (30).
Fisheries Research and Development Agency, November 1982. 137 p.

43.02-059 .1 Kim, B.
THE STUDY OF OCEANOGRAPHIC CONDITIONS AND FISHING GROUNDS OF PURSE-SEINE IN THE SOUTHERN SEA OF KOREA.
Its p. 7-29.

43.02-059 .2 Kim, B. Han, H.
A STUDY ON THE MOVEMENT OF SEA WATER IN THE CHUNGMU AREA.
Its p. 31-48.

43.02-059 .3 Kim, Y.
STOCK ASSESSMENT OF PACIFIC MACKEREL, SCOMBER JAPONICUS HOUTTUYN, IN THE SOUTHERN PART OF KOREAN WATERS AND EAST CHINA SEA.
Its p. 49-64.

43.02-059 .4 Kim, J.
A STUDY ON THE DISTRIBUTION OF FISH LARVAE IN THE WESTERN WATER OF KOREA IN SPRING.
Its p. 65-71.

43.02-059 .5 Choi, S. Park, C.
MATURITY AND SPAWNING OF FILE FISH, NAVODON MODESTUS (GUNTHER), IN THE SOUTHERN WATERS OF KOREA.
Its p. 73-80.

43.02-059 .6 Kim, Y. Kang, P. Yoon, D.
STUDIES ON SUSPENDED CULTURE OF OYSTER, CRASSOSTREA GIGAS IN THE KOREAN COASTAL WATERS.
Its p. 81-89.

43.02-059 .7 Kim, B.
SEASONAL SETTLEMENT OF THE BENTHIC FOULING ORGANISMS IN OYSTER CULTURING AREA.
Its p. 91-102.

43.02-059 .8 Kim, B. Kim, Y. Koo, J. Hue, J.
STUDIES ON THE HANGING CULTURE OF ARKSHELL ANADARA BROUGHTONII SCHRENCK.
Its p. 103-110.

43.02-059 .9 Kang, H. Cheong, S. Lee, J. Jo, Y. Chang, J.
THE STUDY ON THE ARTIFICIAL SEED PRODUCTION OF SCALLOP PATINOPECTEN YESSOENSIS (JAY) IN THE HATCHERY.
Its p. 111-118.

43.02-059 .10 Chang, J. Cho, Y.
STUDY ON THE CULTURE Of FREE-LIVING CONCHOCELIS OF PORPHYRA TENERA KJELLMAN FORM. TAMATSUENSIS MIURA.
Its p. 119-125.

44.01-034 .3 Amon-Kothias, J.
CROISSANCE DE TYLOCHROMIS JENTINKI JENTINKI (CICHLIDAE) EN LAGUNE EBRIE (COTE D'IVOIRE).
GROWTH OF TYLOCHROMIS JENTINKI JENTINKI IN EBRIE LAGOON (IVORY COAST).
Its p. 45-108.

50 SENEGAL

50.01 SENEGAL. CENTRE DE RECHERCHES OCEANOGRAPHIQUES DE DAKAR-TIAROYE

50.01-045 Kebe, M.
LA PECHE CORDIERE AU SENEGAL.
THE ARTISANAL FISHING OF SENEGAL.
Centre de Recherches Oceanographiques de Dakar-Tiaroye, D.S. No. 81, August 1982. 20 p.

50.01-046 Cury, P. Worms, J.
PECHE, BIOLOGIE ET DYNAMIQUE DU THIOF (EPINEPHELUS AENEUS E. GEOFFROY SAINT-HILAIRE, 1817) SUR LES COTES SENEGALAISES.
FISHERY, BIOLOGY AND DYNAMICS OF THE THIOF (EPINEPHELUS AENEUS E. GEOFFROY SAINT-HILAIRE, 1817) ON THE SENEGALESE COAST.
Centre de Recherches Oceanographiques de Dakar-Tiaroye, D.S. No. 82, May 1982. 88 p.

50.01-047 RECENSEMENTS DE LA PECHE ARTISANALE MARITIME AU SENEGAL, AVRIL ET SEPTEMBRE 1981.
CENSUS OF THE MARITIME ARTISANAL FISHERIES OF SENEGAL, APRIL AND SEPTEMBER 1981.
Centre de Recherches Oceanographiques de Dakar-Tiaroye, D.S. No. 83, May 1982. 38 p.

51 THAILAND

51.02 THAILAND. PHUKET MARINE BIOLOGICAL CENTER

51.02-028 RESEARCH BULLETIN, (28), 1981.
Phuket Marine Biological Center. 86 p.

51.02-028 .1 Yesaki, M. Jantarapagdee, P.
WIND STRESS AND SEA TEMPERATURE CHANGES OFF THE WEST COAST OF THAILAND.
Its p. 27-41.

51.02-028 .2 Nateewathana, A. Tantichodok, P. Busarawich, S. Sirivejabandhu, R.
MARINE ORGANISMS IN THE REFERENCE COLLECTION.
Its p. 43-86.

60 CUBA

60.01 CUBA. ACADEMIA DE CIENCIAS DE CUBA, LA HABANA

60.01-065 JORNADA CIENTIFICA, RESUMENES, 6, 1982.
SCIENTIFIC JOURNAL, RESUMES, 6, 1982.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. 94 p.

60.01-066 TABLAS DE MAREAS, 1983, PUERTOS Y LOCALIDADES DE CUBA.
SEA CHARTS, 1983, PORTS AND LOCALITIES OF CUBA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, 1982. 277 p.

60.01-067 Sierra, M. Madruga, R.
VARIACION ESTACIONAL DE LA VELOCIDAD DE DIGESTION, EN DOS ESPECIES DE PECES LUTIANIDOS, LA BIAJAIBA (LUTJANUS SYNAGRIS) Y EL CABALLEROTE (LUTJANUS GRISEUS).
SEASONAL VARIATION OF DIGESTIVE RATE IN TWO SPECIES OF SNAPPER, THE LANE SNAPPER (LUTJANUS SYNAGRIS) AND THE GREY SNAPPER (LUTJANUS GRISEUS).
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 3, 1979. p. 87-97.

60.01-068 Alcolado, P.
ESTRUCTURA ECOLOGICA DE LA COMUNIDAD DE ESPONJAS EN UN PERFIL COSTERO DE CUBA.

ECOLOCIC STRUCTURE OF THE SPONCE COMMUNITY IN A CUBAN COASTAL PROFILE.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 3, 1979. p. 105-127.

60.01-069 Moreno, A. Carcia, R.
CARACTERISTICAS DE LA MEIOFAUNA BENTONICA EN LA LACUNA Y ZONA COSTERA DE GUAYABAL, EN RELACION CON EL CRADO DE CONTAMINACION.
CHARACTERISTICS OF THE BENTHONIC MEIOFAUNA IN THE LACOON AND COASTAL ZONE OF CUAYABAL IN RELATION TO THE DEGREE OF POLLUTION.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 29-45.

60.01-070 Hernandez, A.
DISTRIBUCION Y ABUNDANCIA RELATIVA DE LOS COPEPODOS PLANCTONICOS EN EL COLFO DE MEXICO Y EL MAR CARIBE.
DISTRIBUTION AND RELATIVE ABUNDANCE OF PLANKTONIC COPEPODA IN THE CULF OF MEXICO AND THE CARIBBEAN SEA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 57-74.

60.01-071 Gonzalez, P.
VARIACIONES EN LA DIETA DE CYPHOMA CIBBOSUM LINNAEUS, EN FUNCION DE LA PROFUNDIDAD.
VARIATION IN THE DIET OF CYPHOMA GIBBOSUM LINNAEUS AS A FUNCTION OF DEPTH.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 75-84.

60.01-072 Moreno, A. Merino, M.
UTILIDAD DE LOS MUESTREADORES DE SUSTRATO ARTIFICIAL PARA ESTUDIOS ECOLOGICOS EN AREAS COSTERAS ABIERTAS.
UTILIZATION OF ARTIFICIAL SUBSTRATE SAMPLER BASKET FOR ECOLOCICAL STUDY IN OPEN COASTAL AREA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 85-94.

60.01-073 Areces, A. Lopez-Baluja, L.
ALCUNOS CRITERIOS PRELIMINARES SOBRE LA EUTROFICACION DE LA SALINA "CERRO CUAYABO."
SOME PRELIMINARY GRITERIA CONCERNING THE EUTROPHICATION OF THE "CERRO GUAYABO" SALINE.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 3-14.

60.01-074 Agramonte, N. Lopez-Baluja, L. Popowski, C.
DISTRIBUCION DEL FITOPLANCTON EN LA REGION NORORIENTAL DE LA PLATAFORMA DE CUBA.
DISTRIBUTION OF PHYTOPLANKTON IN THE NORTHEASTERN RECION OF THE CUBAN SHELF.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 15-44.

60.01-075 Campos, A.
DISTRIBUGION CUANTITATIVA Y CUALITATIVA DEL ZOOPLANCTON EN EL COLFO DE BATABANO.
QUANTITATIVE AND QUALITATIVE DISTRIBUTION OF ZOOPLANKTON IN THE CULF OF BATABANO.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 45-59.

60.01-076 Moreno, A. Valdes-Munoz, E. Bombalier, D.
EVALUACION POBLACIONAL DEL ERIZO NECRO, DIADEMA ANTILLARUM PHILLIPI, MEDIANTE UN DISENO DE MUESTREO ALEATORIO ESTRATIFICADO, Y ALGUNOS ASPECTOS DE SU BIOLOCIA.
EVALUCATION OF THE POPULATION OF THE ECHINOID DIADEMA ANTILLARUM PHILLIPI BY MEANS OF STRATIFIED RANDOM SAMPLING, AND SOME ASPECTS OF ITS BIOLOCY.

44.01-034 .3 Amon-Kothias, J.
CROISSANCE DE TYLOCHROMIS JENTINKI JENTINKI (CICHLIDAE) EN LAGUNE EBRIE (COTE D'IVOIRE).
GROWTH OF TYLOCHROMIS JENTINKI JENTINKI IN EBRIE LAGOON (IVORY COAST).
Its p. 45-108.

50 SENEGAL

50.01 SENEGAL. CENTRE DE RECHERCHES OCEANOGRAPHIQUES DE DAKAR-TIAROYE

50.01-045 Kebe, M.
LA PECHE CORDIERE AU SENEGAL.
THE ARTISANAL FISHING OF SENEGAL.
Centre de Recherches Oceanographiques de Dakar-Tiaroye, D.S. No. 81, August 1982. 20 p.

50.01-046 Cury, P. Worms, J.
PECHE, BIOLOGIE ET DYNAMIQUE DU THIOF (EPINEPHELUS AENEUS E. GEOFFROY SAINT-HILAIRE, 1817) SUR LES COTES SENEGALAISES.
FISHERY, BIOLOGY AND DYNAMICS OF THE THIOF (EPINEPHELUS AENEUS E. GEOFFROY SAINT-HILAIRE, 1817) ON THE SENEGALESE COAST.
Centre de Recherches Oceanographiques de Dakar-Tiaroye, D.S. No. 82, May 1982. 88 p.

50.01-047 RECENSEMENTS DE LA PECHE ARTISANALE MARITIME AU SENEGAL, AVRIL ET SEPTEMBRE 1981.
CENSUS OF THE MARITIME ARTISANAL FISHERIES OF SENEGAL, APRIL AND SEPTEMBER 1981.
Centre de Recherches Oceanographiques de Dakar-Tiaroye, D.S. No. 83, May 1982. 38 p.

51 THAILAND

51.02 THAILAND. PHUKET MARINE BIOLOGICAL CENTER

51.02-028 RESEARCH BULLETIN, (28), 1981.
Phuket Marine Biological Center. 86 p.

51.02-028 .1 Yesaki, M. Jantarapagdee, P.
WIND STRESS AND SEA TEMPERATURE CHANGES OFF THE WEST COAST OF THAILAND.
Its p. 27-41.

51.02-028 .2 Nateewathana, A. Tantichodok, P. Busarawich, S. Sirivejabandhu, R.
MARINE ORGANISMS IN THE REFERENCE COLLECTION.
Its p. 43-86.

60 CUBA

60.01 CUBA. ACADEMIA DE CIENCIAS DE CUBA, LA HABANA

60.01-065 JORNADA CIENTIFICA, RESUMENES, 6, 1982.
SCIENTIFIC JOURNAL, RESUMES, 6, 1982.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. 94 p.

60.01-066 TABLAS DE MAREAS, 1983, PUERTOS Y LOCALIDADES DE CUBA.
SEA CHARTS, 1983, PORTS AND LOCALITIES OF CUBA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, 1982. 277 p.

60.01-067 Sierra, M. Madruga, R.
VARIACION ESTACIONAL DE LA VELOCIDAD DE DIGESTION, EN DOS ESPECIES DE PECES LUTIANIDOS, LA BIAJAIBA (LUTJANUS SYNAGRIS) Y EL CABALLEROTE (LUTJANUS GRISEUS).
SEASONAL VARIATION OF DIGESTIVE RATE IN TWO SPECIES OF SNAPPER, THE LANE SNAPPER (LUTJANUS SYNAGRIS) AND THE GREY SNAPPER (LUTJANUS GRISEUS).
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 3, 1979. p. 87-97.

60.01-068 Alcolado, P.
ESTRUCTURA ECOLOGICA DE LA COMUNIDAD DE ESPONJAS EN UN PERFIL COSTERO DE CUBA.

ECOLOGIC STRUCTURE OF THE SPONGE COMMUNITY IN A CUBAN COASTAL PROFILE.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 3, 1979. p. 105-127.

60.01-069 Moreno, A. Garcia, R.
CARACTERISTICAS DE LA MEIOFAUNA BENTONICA EN LA LAGUNA Y ZONA COSTERA DE GUAYABAL, EN RELACION CON EL GRADO DE CONTAMINACION.
CHARACTERISTICS OF THE BENTHONIC MEIOFAUNA IN THE LAGOON AND COASTAL ZONE OF GUAYABAL IN RELATION TO THE DEGREE OF POLLUTION.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 29-45.

60.01-070 Hernandez, A.
DISTRIBUCION Y ABUNDANCIA RELATIVA DE LOS COPEPODOS PLANCTONICOS EN EL GOLFO DE MEXICO Y EL MAR CARIBE.
DISTRIBUTION AND RELATIVE ABUNDANCE OF PLANKTONIC COPEPODA IN THE GULF OF MEXICO AND THE CARIBBEAN SEA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 57-74.

60.01-071 Gonzalez, P.
VARIACIONES EN LA DIETA DE CYPHOMA GIBBOSUM LINNAEUS, EN FUNCION DE LA PROFUNDIDAD.
VARIATION IN THE DIET OF CYPHOMA GIBBOSUM LINNAEUS AS A FUNCTION OF DEPTH.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 75-84.

60.01-072 Moreno, A. Merino, M.
UTILIDAD DE LOS MUESTREADORES DE SUSTRATO ARTIFICIAL PARA ESTUDIOS ECOLOGICOS EN AREAS COSTERAS ABIERTAS.
UTILIZATION OF ARTIFICIAL SUBSTRATE SAMPLER BASKET FOR ECOLOGICAL STUDY IN OPEN COASTAL AREA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 5, 1980. p. 85-94.

60.01-073 Areces, A. Lopez-Baluja, L.
ALGUNOS CRITERIOS PRELIMINARES SOBRE LA EUTROFICACION DE LA SALINA "CERRO GUAYABO."
SOME PRELIMINARY CRITERIA CONCERNING THE EUTROPHICATION OF THE "CERRO GUAYABO" SALINE.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 3-14.

60.01-074 Agramonte, N. Lopez-Baluja, L. Popowski, G.
DISTRIBUCION DEL FITOPLANCTON EN LA REGION NORORIENTAL DE LA PLATAFORMA DE CUBA.
DISTRIBUTION OF PHYTOPLANKTON IN THE NORTHEASTERN REGION OF THE CUBAN SHELF.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 15-44.

60.01-075 Campos, A.
DISTRIBUCION CUANTITATIVA Y CUALITATIVA DEL ZOOPLANCTON EN EL GOLFO DE BATABANO.
QUANTITATIVE AND QUALITATIVE DISTRIBUTION OF ZOOPLANKTON IN THE GULF OF BATABANO.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 45-59.

60.01-076 Moreno, A. Valdes-Munoz, E. Bombalier, D.
EVALUACION POBLACIONAL DEL ERIZO NEGRO, DIADEMA ANTILLARUM PHILLIPI, MEDIANTE UN DISENO DE MUESTREO ALEATORIO ESTRATIFICADO, Y ALGUNOS ASPECTOS DE SU BIOLOGIA.
EVALUCATION OF THE POPULATION OF THE ECHINOID DIADEMA ANTILLARUM PHILLIPI BY MEANS OF STRATIFIED RANDOM SAMPLING, AND SOME ASPECTS OF ITS BIOLOGY.

Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 61-79.

60.01-077 Claro, R.
ECOLOGIA Y CICLO DE VIDA DE LA BIAJAIBA, LUTJANUS SYNAGRIS (LINNAEUS), EN LA PLATAFORMA CUBANA. III. NUTRICION.
ECOLOGY AND LIFE CYCLE OF THE LANE SNAPPER, LUTJANUS SYNAGRIS (LINNAEUS) IN THE CUBAN SHELF. III. NUTRITION.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 93-109.

60.01-078 Valdes-Munoz, E.
ESTRUCTURA Y DIVERSIDAD DE LA ICTIOFAUNA DE LOS MANGLARES DE PUNTA DEL ESTE, ISLA DE LA JUVENTUD.
STRUCTURE AND DIVERSITY OF THE ICHTHYOFAUNA OF MANGROVES OF THE PUNTA DEL ESTE, ISLA DE LA JUVENTUD.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 111-124.

60.01-079 Guitart, D. Juarez, M. Milera, J.
ANALISIS DE LAS PESQUERIAS DEPORTIVAS DE AGUJAS (PISCES; GENEROS ISTIOPHORUS, TETRAPTURUS, MAKAIRA) EN LA REGION NOROCCIDENTAL DE CUBA.
ANALYSIS OF THE INTERNATIONAL BILLFISH FISHERY (PISCES; GENERA ISTIOPHORUS, TETRAPTURUS, MAKAIRA) IN THE NORTHWESTERN REGION OF CUBA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 6, 1981. p. 125-142.

60.01-080 Moreno, A. Garcia, J.
CARACTERISTICAS DE LA MEIOFAUNA BENTONICA EN LA BAHIA DE CIENFUEGOS Y ALGUNOS ASPECTOS DE SU ECOLOGIA.
CHARACTERISTICS OF THE BENTHONIC MEIOFAUNA IN CIENFUEGOS BAY AND SOME ASPECTS OF ITS ECOLOGY.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 7, 1982. p. 13-32.

60.01-081 Casan, G. Lopez-Baluja, L. Agramonte, N.
DISTRIBUCION DEL FITOPLANCTON EN LA REGION NOROCCIDENTAL DE LA PLATAFORMA DE CUBA.
PHYTOPLANKTON DISTRIBUTION IN THE NORTHWESTERN REGION OF THE CUBAN SHELF.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 7, 1982. p. 33-51.

60.01-082 Jimenez, C. Ibarzabal, D.
EVALUACION CUANTITATIVA DEL MESOBENTOS EN LA PLATAFORMA NORORIENTAL DE CUBA.
QUANTITATIVE EVALUATION OF THE MESOBENTHOS OF THE NORTHEASTERN CUBAN SHELF.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 7, 1982. p. 53-69.

60.01-083 Gutierrez, E. Salabarria, D.
DISTRIBUCION Y ABUNDANCIA DE HUEVOS Y LARVAS DE PECES EN LA REGION SURORIENTAL DE LA PLATAFORMA DE CUBA (ZONA A).
DISTRIBUTION AND ABUNDANCE OF EGGS AND LARVAE OF FISHES IN THE SOUTHWESTERN REGION OF THE CUBAN SHELF (ZONE A).
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia. Reprint from Ciencias Biologicas, Vol. 7, 1982. p. 71-86.

60.01-084 CIENCIAS BIOLOGICAS, (8), 1982.
BIOLOGICAL SCIENCE, (8), 1982.
Academia de Ciencias de Cuba, la Habana. 145 p.

60.01-084 .1 Ros, R. Quinones, N.
CONTENIDO DE LIPIDOS TOTALES EN HEPATOPANCREAS, OVARIOS, Y HUEVOS DEL CANGREJO MORO, MENIPPE MERCENARIA.
TOTAL LIPID CONTENT IN HEPATOPANCREAS, OVARIES AND EGGS OF THE STONE CRAB, MENIPPE MERCENARIA.
Its p. 17-24.

60.01-084 .2 Slechtova, V. Rivalta, V. Camacho, A.
LAS ISOZIMAS DE LA DEHIDROGENASA LACTICA (LDH) EN PECES DE LA FAMILIA LUTJANIDAE.
ISOZYMES OF LACTIC DEHYDROGENASE (LDH) IN FISHES OF THE FAMILY LUTJANIDAE.
Its p. 25-30.

60.01-084 .3 Camacho, A. Alvarez, I.
LAS ESTERASAS DE UNA POBLACION DE PANULIRUS ARGUS EN LA PLATAFORMA SURORIENTAL DE CUBA.
ESTERASES OF A POPULATION OF PANULIRUS ARGUS FROM THE SOUTHEASTERN CUBAN SHELF.
Its p. 31-35.

60.01-084 .4 Bombalier, D.
EVALUACION CUANTITATIVA DEL BENTOS EN LA REGION NOROCCIDENTAL DE LA PLATAFORMA DE CUBA.
QUANTITATIVE EVALUATION OF THE BENTHOS IN THE NORTHWESTERN REGION OF THE CUBAN SHELF.
Its p. 57-80.

60.01-084 .5 Damera, M.
ICTIOPLANCTON DE LA REGION NORORIENTAL DE LA PLATAFORMA DE CUBA (ZONA D).
ICHTHYOPLANKTON OF THE NORTHEASTERN REGION OF THE CUBAN SHELF (ZONE D).
Its p. 81-94.

60.01-085 Mallea, A. Bagarrotti, M.
ALGUNAS CONSIDERACIONES SINOPTICAS SOBRE HIDRODINAMICA, FITOPLANCTON Y BACTERIAS HETEROTROFICAS DE UN AREA COSTERA CONTAMINADA.
SOME SYNOPTIC CONSIDERATIONS CONCERNING HYDRODYNAMICS, PHYTOPLANKTON AND HETEROTROPHIC BACTERIA OF A POLLUTED COASTAL AREA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 120, October 1980. 25 p.

60.01-086 Lopez-Baluja, L.
DISTRIBUCION FITOGEOGRAFICA DE CERATIUM FURCA (EHRENBERG) CLAPARADE Y LACHMANN VAR. HIRCUS (SCHRODER) MARGALEF (DINOFLAGELLATAE PERIDINIDAE).
PHYTOGEOGRAPHIC DISTRIBUTION OF CERATIUM FURCA (EHRENBERG) CLAPARADAE AND LACHMANN VAR. HIRCUS (SCHRODER) MARGALEF (DINOFLAGELLATAE PERIDINIDAE).
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 121, October 1980. 9 p.

60.01-087 Munoz, E.
TOXICIDAD Y ALIMENTACION DE ALGUNOS PECES SOSPECHOSOS DE PROVOCAR LA CIGUATERA.
TOXICITY AND FOOD HABITS OF SOME FISHES SUSPECTED OF BEING CIGUATOXIC.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 123, October 1980. 16 p.

60.01-088 Bello, B. Mantilla, L. Franquiz, A. Fuego, A.
PLAGUICIDAS ORGANOCLORADOS EN LA PLATAFORMA SUROCCIDENTAL DE CUBA.
ORGANOCHLORINATED PESTICIDES IN THE SOUTHWESTERN CUBAN SHELF.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 133, December 1980. 20 p.

60.01-089 Mallea, A. Valdes, A.
NOTAS SOBRE DISTRIBUCION Y CONCENTRACION DE ZINC EN UN AREA COSTERA CONTAMINADA.
NOTES ON THE DISTRIBUTION AND CONCENTRATION OF ZINC IN A POLLUTED COASTAL AREA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 135, December 1980. 26 p.

60.01-090 Gomez, O. Ibarzabal, D. Silva, A.
EVALUACION CUANTITATIVA DE BENTOS EN LA REGION SUROCCIDENTAL DE CUBA.
QUANTITATIVE EVALUATION OF THE BENTHOS IN THE SOUTHWESTERN REGION OF CUBA.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 149, December 1980. 25 p.

60.01-091 INFORME CIENTIFICO-TECNICO, (158).
SCIENTIFIC-TECHNICAL REPORT, (158).
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, March 1981. 26 p.

60.01-092 Lluis-Riera, M.
CONDICIONES HIDROLOGICAS DE LA PLATAFORMA NORORIENTAL DE CUBA DURANTE FEBRERO DE 1976.
HYDROLOGIC CONDITIONS OF THE NORTHEASTERN CUBAN SHELF DURING FEBRUARY 1976.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 161, July 1981. 32 p.

60.01-093 Academia de Ci

60.01-093 Echandi, L.
ALGUNOS ASPECTOS DEL REGIMEN DE TEMPERATURA EN LA PLATAFORMA NOROCCIDENTAL DE CUBA Y LA REGION OCEANICA ADYACENTE.
SOME ASPECTS OF THE TEMPERATURE REGIME IN THE NORTHWESTERN CUBAN SHELF AND THE ADJACENT OCEANIC REGION.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 171, October 1981. 28 p.

60.01-094 Claro, R. Reshetnikov, Y.
ECOLOGIA Y CICLO DE VIDA DE LA BIAJAIBA, LUTJANUS SYNAGRIS (LINNAEUS), EN LA PLATAFORMA CUBANA. I. FORMACION DE MARCAS DE CRECIMIENTO EN SUS ESTRUCTURAS.
ECOLOGY AND LIFE CYCLE OF THE LANE SNAPPER, LUTJANUS SYNAGRIS (LINNAEUS), IN THE CUBAN SHELF. I. FORMATION OF GROWTH MARKS IN ITS STRUCTURE.
Academia de Ciencias de Cuba, la Habana, Instituto de Oceanologia, Scientific-Technical Report No. 174, October 1981. 28 p.

60.02 CUBA. CENTRO DE INVESTIGACIONES PESQUERAS

60.02-031 LUTIANIDOS
LUTJANIDAE.
Centro de Investigaciones Pesqueras, Boletin Bibliografico No. 6, June 1982. 46 p.

64 ARAB REPUBLIC OF EGYPT

64.03 ARAB REPUBLIC OF EGYPT. INSTITUTE OF OCEANOGRAPHY AND FISHERIES

64.03-007 BULLETIN OF THE INSTITUTE OF OCEANOGRAPHY AND FISHERIES, 6, 1976.
Institute of Oceanography and Fisheries, Academy of Scientific Research and Technology, 1979. 383 p.

64.03-007 .1 Sharaf, S. Karam, A.
GEOSTROPHIC CURRENTS IN THE SOUTH-EASTERN SECTOR OF THE MEDITERRANEAN SEA.
Its p. 3-18.

64.03-007 .2 Latif, A. Fouda, A.
PROXIMATE COMPOSITION OF SOME RED SEA FISHES.
Its p. 53-81.

64.03-007 .3 Latif, A. Fouda, A.
MINERAL CONTENT OF FLESH OF SOME RED SEA FISHES.
Its p. 83-101.

64.03-007 .4 El-Hehyawi, M. El-Tabbakh, T.
THE TEMPERATURE, CHLORINITY AND NILE DISCHARGE VARIATIONS IN THE S.E. MEDITERRANEAN DURING AUTUMN 1960-1970.
Its p. 105-123.

64.03-007 .5 El-Hehyawi, M.
STUDY OF THE SURFACE WATER INORGANIC PHOSPHATE IN THE SOUTH EAST MEDITERRANEAN.
Its p. 125-155.

64.03-007 .6 Hilmy, A. El-Domiaty, N. Said, M.
MEASUREMENTS OF SOME PHYSIOLOGICAL PARAMETERS IN THE HERBIVOROUS DUGONG AND THE CARNIVOROUS COMMON DOLPHIN OF THE RED SEA.
Its p. 197-205.

64.03-007 .7 Hilmy, A. El-Domiaty, N. Said, M.
SOME ASPECTS OF THE HAEMATOLOGY OF FOUR RED SEA FISH SPEGIES DURING THEIR SPAWNING PERIOD.
Its p. 205-214.

64.03-007 .8 Eisawy, A. Sorial, A.
EGG CAPSULES AND DEVELOPMENT OF FUSUS TUBERCULATUS CHEMNITZ.
Its p. 215-237.

64.03-007 .9 Eisawy, A. Sorial, A.
STUDIES ON THE DEVELOPMENT OF TWO SPECIES OF STROMBIDAE FROM THE RED SEA.
Its p. 257-274.

64.03-007 .10 Salah, M.
NEW PLANKTONIG DIATOMS FROM ABU QIR BAY, ALEXANDRIA, EGYPT.
Its p. 275-283.

64.03-007 .11 Ghobashy, A. Selim, S.
SETTLEMENT BEHAVIOR OF THE TUBE WORM HYDROIDES NORVEGICA (GUNNERUS) IN THE EASTERN HARBOR OF ALEXANDRIA.
Its p. 285-299.

64.03-007 .12 Ghobashy, A. Selim, S.
GROWTH OF THE TUBE WORM HYDROIDES NORVEGICA (GUNNERUS) IN THE EASTERN HARBOR OF ALEXANDRIA.
Its p. 301-313.

64.03-007 .13 Ghobashy, A. Selim, S.
SETTLEMENT AND GROWTH OF SPIRORBIS CORRUGATUS (MONTAGU) IN THE EASTERN HARBOR OF ALEXANDRIA.
Its p. 315-330.

64.03-008 BULLETIN OF THE INSTITUTE OF OCEANOGRAPHY AND FISHERIES, (7), PART 2.
Institute of Oceanography and Fisheries, 1979. 84 p.

73 PEOPLE'S REPUBLIC OF CHINA

73.05 PEOPLE'S REPUBLIC OF CHINA. SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, ACADEMIA SINICA

73.05-001 NANHAI STUDIA MARINA SINICA, (3), 1982.
South China Sea Institute of Oceanology, Academia Sinica. 137 p.

73.05-001 .1 Zhongxin, G.
AN ANALYSIS OF THE VERTICAL THERMAL STRUCTURE OF CROSS-SECTION THROUGH NORTHERN PART OF THE SOUTH CHINA SEA NEAR 18°N IN WINTER.
Its p. 69-72.

73.05-001 .2 Junchang, C.
THE APPARENT OCEAN WAVE SPECTRUM AND ITS ESTIMATION.
Its p. 73-80.

73.05-001 .3 Shuyao, Y. Jiajun, X.
MATHEMATICAL MODELS OF WIND AND DIVERGENCE FIELDS OF TYPHOON AT THE SEA LEVEL.
Its p. 81-90.

73.05-001 .4 Tegu, C.
THE SEA-AIR INTERFACE HEAT EXCHANGE IN THE ADJACENT WATERS AROUND THE XISHA ISLANDS, SOUTH CHINA SEA.
Its p. 91-97.

73.05-001 .5 Qizeng, J. Yiyao, W. Weiguo, J.
ON THE ARTIFICIAL REARING OF LARVAE AND JUVENILE OF PEARL OYSTER PINCTADA MARTENSII. II. THE REARING OF THE LARVAE AND JUVENILE.
Its p. 99-109.

73.05-001 .6 Weiguo, J. Yiyao, W.
A PRELIMINARY OBSERVATION OF THE GHROMOSOMES IN SEVERAL SPECIES OF PEARL OYSTERS AND THEIR HYBRIDS.
Its p. 111-118.

73.05-002 TROPIC OCEANOLOGY 1(2), 1982.
South China Sea Institute of Oceanology, Academia Sinica. 200 p.

73.05-002 .1 Junchang, C. Wenzhi, W.
AN APPARENT WAVE SPECTRUM OF NUMERICAL SIMULATED WAVE SURFACE.
Its p. 132-138.

73.05-002 .2 Botang, W. Li, G. Volcani, B.
STUDIES ON THE PHYSIOLOGICAL GHARACTERISTICS AND THE CELLAR FINE STRUCTURE OF SOME APOCHLOROTIC DIATOMS.
Its p. 143-155.

73.05-002 .3 Chupu, L.
STUDIES ON THE ALCYONACEA OF THE

SOUTH CHINA SEA. I. ALCYONACEA FROM YALONG BAY.
Its p. 156-169.

73.05-002 .4 Chensong, L. Qingchao, C. Yunhua, W.
BIOCHEMICAL ANALYSES OF SOME MARINE ZOOPLANKTON.
Its p. 170-175.

73.05-002 .5 Qingxi, H. Ping, F. Jihong, Z. Weiquan, L.
PRELIMINARY STUDY ON CHEMICAL FORMS OF CADMIUM IN THE WATER BODY OF ZHUJIANG ESTUARINE AREA AND THE RULE OF THEIR DISTRIBUTION.
Its p. 176-183.

73.05-003 TROPIC OCEANOLOGY 2(1), 1983.
South China Sea Institute of Oceanology, Academia Sinica.
92 p.

73.05-003 .1 Jinghan, Z.
SOME CHARACTERISTICS OF BREAKING WAVES OVER UNITARY BOTTOM SLOPE.
Its p. 28-34.

73.05-003 .2 Qizhou, H.
VARIATIONS OF VELOCITY AND TRANSPORT OF THE KUROSHIO IN THE BASHI CHANNEL.
Its p. 35-41.

73.05-003 .3 Peihui, K.
A PRELIMINARY ANALYSIS OF CURRENTS AND WATER EXCHANGES IN THE QIONGZHOU STRAIT.
Its p. 42-46.

73.05-003 .4 Zhensheng, F. Shibo, X. Renguang, W. Yifeng, W.
A STUDY ON THE HYPOTENSIVE EFFECT AND MECHANISM OF SOFT CORALS.
Its p. 47-54.

73.05-003 .5 Yongchuan, W. Liangmin, H. Shaofen, L.
EFFECTS OF TEMPERATURE ON PHOTOSYNTHESIS AND DISTRIBUTION OF SOME MARINE ALGAE.
Its p. 55-60.

73.05-003 .6 Zengyue, H. Jiaju, Y.
SIX FIRST RECORDS OF CHINESE DEEP-SEA ICHTHYOFAUNA.
Its p. 61-66.

73.05-003 .7 Zhaoyu, W. Qizhou, H.
MODELING EXPERIMENTS DURING THE DEVELOPMENT OF THE HULL AND MOORING SYSTEM OF THE "SOUTH CHINA SEA BUOY."
Its p. 67-73.

73.06 PEOPLE'S REPUBLIC OF CHINA. YELLOW SEA FISHERIES RESEARCH INSTITUTE

73.06-001 MARINE FISHERIES RESEARCH, (4), 1982.
Yellow Sea Fisheries Research Institute. 98 p.

73.06-001 .1 Tianjing, L. Youji, Z. Yixun, Y. Shaoran, W. Huichong, W.
STUDIES ON THE CAUSE OF THE PORPHYRA DISEASE AND ITS CONTROL.
Its p. 1-8.

73.06-001 .2 Jingqi, L.
ON THE CAUSES OF PREMATURATION OF THE EAST CHINA SEA HAIRTAIL (TRICHIURUS HAUMELA).
Its p. 9-15.

73.06-001 .3 Deshan, Z. Weixiang, W. Guoxiang, Z. Fuguo, L.
STUDIES ON THE FISHERIES BIOLOGY OF MACKEREL (PNEUMATOPHORUS JAPONICUS HOUTTUYN) IN THE YELLOW SEA. I. ON THE MIGRATORY AND DISTRIBUTIONAL PATTERNS OF MACKEREL IN THE YELLOW SEA AND BOHAI SEA.
Its p. 17-31.

73.06-001 .4 Xue-e, B.
STUDIES ON THE ELIMINATION OF HARM CAUSED BY HYDROGEN SULFIDE (H_2S) ON PENAEUS ORIENTALIS KISHINOUYE CULTURE.
Its p. 33-42.

73.06-001 .5 Yu, Z. Zhizhen, M. Yonghong, L. Fuxin, L.
EXPERIMENT IN PROPAGATION OF SEA-CUCUMBER (STICHOPUS JAPONICUS SELENKA) IN GANGDONG COASTAL WATER.
Its p. 43-53.

73.06-001 .6 Xuedu, L.
EFFECTS OF VERTICAL TEMPERATURE STRUCTURE OF SEAWATER AND VARIATION OF WATER TEMPERATURE WITH TIME ON FISHING GROUNDS.
Its p. 55-65.

73.06-001 .7
Debao, L. Defang, L. Yongxiang, Y.
PRELIMINARY STUDIES ON THE MESH SIZE OF THE GILL NET FOR CATCHING SPANISH MACKEREL (SCOMBEROMORUS NIPHONIUS) IN THE YELLOW SEA AND BOHAI SEA.
Its p. 67-78.

73.06-001 .8
Liyan, Z. Baoqing, X. Zhizhen, M.
PRELIMINARY STUDY ON THE GROWTH AND REPRODUCTION CONDITIONS OF THE MARINE DIATOMS SKELETONEMA COSTATUM (GREV.) CL. AND CHAETOCEROS MUELLERI LEMM.
Its p. 79-88.

75
MAURITANIA

75.01
MAURITANIA. CENTRE NATIONAL DE RECHERCHES OCEANOGRAPHIQUES ET DES PECHES

75.01-007
BULLETIN DU CENTRE NATIONAL DE RECHERCHES OCEANOGRAPHIQUES ET DES PECHES 9(2), OCTOBER 1981.
BULLETIN OF THE NATIONAL CENTER OF OCEANOGRAPHIC RESEARCH AND FISHERIES 9(2), OCTOBER 1981.
Centre National de Recherches Oceanographiques et des Peches. 105 p.

75.01-008
BULLETIN DU CENTRE NATIONAL DE RECHERCHES OCEANOGRAPHIQUES ET DES PECHES 10(2), OCTOBER 1982.
BULLETIN OF THE NATIONAL CENTER OF OCEANOGRAPHIC RESEARCH AND FISHERIES 10(2), OCTOBER 1982.
Centre National de Recherches Oceanographiques et des Peches. 209 p.

75.01-009
Boubacar, L.
CATALOGUE DES POISSONS D'EAU DOUCE DE MAURITANIE.
CATALOG OF FRESHWATER FISH OF MAURITANIA.
Centre National de Recherches Oceanographiques et des Peches, December 1982. 52 p.

AINA
ARCTIC INSTITUTE OF NORTH AMERICA

AINA-048
ARCTIC: JOURNAL OF THE ARCTIC INSTITUTE OF NORTH AMERICA 35(3), SEPTEMBER 1982.
Arctic Institute of North America. p. 349-455.

AINA-049
ARCTIC: JOURNAL OF THE ARCTIC INSTITUTE OF NORTH AMERICA 35(4), DECEMBER 1982.
Arctic Institute of North America. p. 457-571.

AINA-050
ARCTIC: JOURNAL OF THE ARCTIC INSTITUTE OF NORTH AMERICA 36(1), MARCH 1983.
Arctic Institute of North America. 119 p.

AINA-051
ARCTIC: JOURNAL OF THE ARCTIC INSTITUTE OF NORTH AMERICA, CUMULATIVE INDEX 36(1 SUPPLEMENT), MARCH 1983.
Arctic Institute of North America, Astis Occasional Publication No. 10. 95 p.

AINA-052
ARCTIC: JOURNAL OF THE ARCTIC INSTITUTE OF NORTH AMERICA 36(2), JUNE 1983.
Arctic Institute of North America. p. 121-225.

FAO
UNITED NATIONS FOOD AND AGRICULTURE ORGANIZATION

FAO-257
Robinson, M.
PROSPECTS FOR WORLD FISHERIES TO 2000.
United Nations Food and Agriculture Organization, FAO Fisheries Circular No. 722, Revision 1, June 1982. 16 p.

FAO-258
Charlon, N.
STADES PRELEPTOCEPHALE, LEPTOCEPHALE ET CIVELLE DU GENRE ANGUILLA. BIBLIOGRAPHIE (1829-1980).
THE PRELEPTOCEPHALIC, LEPTOCEPHALIC AND GLASS EEL STAGES OF THE SPECIES ANGUILLA. BIBLIOGRAPHY (1829-1980).
United Nations Food and Agriculture Organization, FAO Fisheries Circular No. 738, May 1982. 45 p.

FAO-259 Caddy, J. (Editor)
PROVISIONAL WORLD LIST OF COMPUTER PROGRAMMES FOR FISH STOCK ASSESSMENT AND THEIR AVAILABILITY BY COUNTRY AND FISHERIES INSTITUTE.
United Nations Food and Agriculture Organization, FAO Fisheries Circular No. 746, April 1982. 51 p.

FAO-260 Caddy, J.
SOME CONSIDERATIONS RELEVANT TO THE DEFINITION OF SHARED STOCKS AND THEIR ALLOCATION BETWEEN ADJACENT ECONOMIC ZONES.
United Nations Food and Agriculture Organization, FAO Fisheries Circular No. 749, July 1982. 43 p.

FAO-261 Burke, W.
FISHERIES REGULATIONS UNDER EXTENDED JURISDICTION AND INTERNATIONAL LAW.
United Nations Food and Agriculture Organization, FAO Fisheries Technical Paper No. 223, 1982. 23 p.

FAO-262 Troadec, J.
INTRODUCTION A L'AMENAGEMENT DES PECHERIES: INTERET, DIFFICULTES ET PRINCIPALES METHODES.
INTRODUCTION TO FISHERIES MANAGEMENT: INTEREST, DIFFICULTIES AND PRINCIPAL METHODS.
United Nations Food and Agriculture Organization, FAO Fisheries Technical Paper No. 224, 1982. 65 p.

FAO-263 Christy, F.
TERRITORIAL USE RIGHTS IN MARINE FISHERIES: DEFINITIONS AND CONDITIONS.
United Nations Food and Agriculture Organization, FAO Fisheries Technical Paper No. 227, 1982. 11 p.

FAO-264 Panayotou, T.
MANAGEMENT CONCEPTS FOR SMALL-SCALE FISHERIES: ECONOMIC AND SOCIAL ASPECTS.
United Nations Food and Agriculture Organization, FAO Fisheries Technical Paper No. 228, 1982. 53 p.

FAO-265 Pauly, D.
SOME SIMPLE METHODS FOR THE ASSESSMENT OF TROPICAL FISH STOCKS.
United Nations Food and Agriculture Organization, FAO Fisheries Technical Paper No. 234, 1983. 52 p.

ICES INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA
CONSEIL INTERNATIONAL POUR L'EXPLORATION DE LA MER

ICES-181 PROCES-VERBAL DE LA REUNION, 1982.
MINUTES OF THE MEETING, 1982.
International Council for the Exploration of the Sea, January 1983. 174 p.

ICES-182 Smed, J.
THE OCEANOGRAPHIC DATA BASE FOR THE CINECA REGION. I. THE PHYSICAL ENVIRONMENT AND ITS BIOLOGICAL SIGNIFICANCE.
International Council for the Exploration of the Sea, Rapports et Proces-Verbaux des Reunions, Conseil International pour l'Exploration de la Mer, Vol. 180, 1982. p. 11-28.

ICES-183 Smed, J.
OCEANOGRAPHIC DATA FROM THE SOUTHERN AREA IN THE ICES SERVICE HYDROGRAPHIQUE.
International Council for the Exploration of the Sea, Excerpts from Reports and Proceedings, Vol. 159, 1970. 31 p.

ICES-184 Tambs-Lyche, H. (Editor)
ANNALES BIOLOGIQUES, 37, 1980.
BIOLOGICAL ANNALS, 37, 1980.
International Council for the Exploration of the Sea, January 1983. 297 p.

ICES-185 REPORT ON OCEANOGRAPHIC CRUISES AND DATA STATIONS IN 1979.
International Council for the Exploration of the Sea, ICES Oceanographic Data Lists and Inventories No. 56, September 1982. 10 p.

ICES-186 MONTHLY SYNOPTIC CHARTS OF TEMPERATURE AND SALINITY, NORTH

SEA SKAGERRAK-KATTEGAT 1979.
International Council for the Exploration of the Sea, ICES Oceanographic Data Lists and Inventories No. 57, October 1982. 86 p.

ICES-187 INVENTORY OF OCEANOGRAPHIC INVESTIGATIONS AT NORTH ATLANTIC OCEAN WEATHER STATIONS IN 1981.
International Council for the Exploration of the Sea, ICES Oceanographic Data Lists and Inventories No. 58, January 1983. 31 p.

ICES-188 REPORT ON OCEANOGRAPHIC CRUISES AND DATA STATIONS IN 1980.
International Council for the Exploration of the Sea, ICES Oceanographic Data Lists and Inventories No. 59, April 1983. 10 p.

ICES-189 MONTHLY MEANS OF SURFACE TEMPERATURE AND SALINITY FOR AREAS OF THE NORTH SEA AND THE NORTH-EASTERN NORTH ATLANTIC IN 1974.
International Council for the Exploration of the Sea, Service Hydrographique, 1982. 27 p.

ICSU INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS

ICSU-067 SCIENTIFIC COMMITTEE ON OCEANIC RESEARCH.
International Council of Scientific Unions, SCOR Handbook, May 1983. 85 p.

ICSU-068 Ellett, D. (Editor)
TIME SERIES OF OCEAN MEASUREMENTS, PAPERS PRESENTED AT THE MEETING (TOKYO, 11-15 MAY 1981).
International Council of Scientific Unions, 1981. 402 p.

ICSU-068 .1 Bryden, H.
OCEAN HEAT TRANSPORT.
Its p. 3-12.

ICSU-068 .2 Sarkisyan, A.
MONITORING LARGE-SCALE OCEAN CIRCULATION WITH THE AID OF TIME SERIES.
Its p. 13-22.

ICSU-068 .3 Dymnikov, V. Kurbatkin, G. Trosnikov, I.
LARGE-SCALE ATMOSPHERIC-OCEAN RE-INTERACTION.
Its p. 23-34.

ICSU-068 .4 Anderson, D.
EQUATORIAL AND MONSOON DYNAMICS.
Its p. 35-66.

ICSU-068 .5 Killworth, P.
DEEP CONVECTION IN THE WORLD OCEAN.
Its p. 67-97.

ICSU-068 .6 Nagasaka, K. Nitani, H.
LONG-TERM OCEANOGRAPHIC VARIATIONS IN THE WESTERN NORTH PACIFIC AND THE KUROSHIO REGIONS.
Its p. 101-122.

ICSU-068 .7 Donguy, J. Henin, C.
AN EXPENDABLE BATHYTHERMOGRAPH AND SEA-SURFACE TEMPERATURE EXPERIMENT IN THE EASTERN AND WESTERN PACIFIC.
Its p. 123-133.

ICSU-068 .8 Wyrtki, K.
TIME SERIES OF SEA LEVEL AS A TOOL IN OCEAN MONITORING.
Its p. 135.

ICSU-068 .9 Thomson, R. Tabata, S.
SEA LEVELS IN THE EASTERN PACIFIC OCEAN.
Its p. 137-154.

ICSU-068 .10 Chelton, D.
LARGE-SCALE CLIMATIC VARIABILITY OF THE PHYSICAL AND BIOLOGICAL OCEANOGRAPHY OF THE CALIFORNIA CURRENT.
Its p. 155-169.

ICSU-068 .11 Tabata, S.
OCEANIC TIME-SERIES MEASUREMENTS FROM STATION P AND ALONG LINE P IN THE NORTH-EAST PACIFIC OCEAN.
Its p. 171-192.

ICSU-068 .12 Wright, W. Knap, A.
THE PANULIRUS HYDROSTATION NEAR BERMUDA.
Its p. 193-204.

ICSU-068 .13 Rossby, T.
THE VARIABILITY OF THE GULF STREAM.
Its p. 205-224.

ICSU-068 .14 Smed, J. Meincke, J. Ellett, D.
TIME SERIES OF OCEANOGRAPHIC MEASUREMENTS IN THE ICES AREA.
Its p. 225-244.

ICSU-068 .15 Ellett, D.
LONG-TERM WATER-MASS CHANGES TO THE WEST OF BRITAIN.
Its p. 245-254.

ICSU-068 .16 Gammelsrod, T. Holm, A.
A NOTE ON THE LONG-TERM VARIATIONS IN THE UPPER OCEAN AT STATION M (66°N, 2°E).
Its p. 255-260.

ICSU-068 .17 Terziev, F. Rybnikov, A. Zhevnovatnyi, V.
APPLICATIONS OF LONG-TERM OBSERVATIONS ON SECTIONS IN THE BARENTS AND NORWEGIAN SEAS AND IN THE NORTH ATLANTIC.
Its p. 261-271.

ICSU-068 .18 Baker, D. Nowlin, W. Pillsbury, R. Wearn, R.
LONG TIME SERIES OF PRESSURE GAUGE AND CURRENT METER MEASUREMENTS IN THE DRAKE PASSAGE AND COMPARISON WITH THE WIND.
Its p. 273.

ICSU-068 .19 Teramoto, T. Taira, K.
IN SITU DIRECT MEASUREMENTS OF CURRENT AT MOORING STATIONS.
Its p. 277-292.

ICSU-068 .20 Edwards, R. Emery, W.
EXPENDABLE BATHYTHERMOGRAPH SECTIONS FROM ANTARCTIC SUPPLY VESSELS.
Its p. 293-296.

ICSU-068 .21 Taillade, M.
IN ORBIT PERFORMANCE AND CAPABILITIES OF THE ARGOS SYSTEM.
Its p. 297-319.

ICSU-068 .22 Cresswell, G.
TIME SERIES DATA FROM SATELLITE-TRACKED BUOYS IN THE TASMAN SEA.
Its p. 321-330.

ICSU-068 .23 SUMMARY FROM REPORT OF THE JSC/CCCO MEETING ON THE COORDINATION OF PLANS FOR FUTURE SATELLITE OBSERVING SYSTEMS AND OCEAN EXPERIMENTS TO BE ORGANIZED WITHIN THE WCRP.
Its p. 331-333.

ICSU-068 .24 Kohnke, D.
INTERNATIONAL MANAGEMENT OF OCEANOGRAPHIC TIME-SERIES DATA.
Its p. 337-346.

ICSU-068 .25 Kirichek, A.
STATISTICAL ESTIMATES OF PARAMETERS OF TOTAL HEAT TRANSFER OF THE OCEAN IN ENERGY-ACTIVE ZONES AND OTHER AREAS OF THE NORTH ATLANTIC FROM WEATHER SHIP DATA.
Its p. 347-354.

ICSU-068 .26 Nelepo, B. Sarkisyan, A. Timchenko, I. Knysh, V.
FOUR DIMENSIONAL ANALYSIS OF THE DENSITY FIELD AT THE POLYMODE HYDROLOGICAL SURVEY AREA.
Its p. 355-357.

ICSU-068 .27 JAPANESE NATIONAL PLAN FOR OCEAN MONITORING.
Its p. 361-366.

ICSU-068 .28 Tarbeev, Yu.
PROPOSALS ON OCEAN MONITORING STRATEGY AIMED AT THE IMPLEMENTATION OF THE WORLD CLIMATE PROGRAMME AND EXTENDED RANGE WEATHER FORECASTING.
Its p. 367-372.

ICSU-068 .29 Sarukhanyan, E. Tolkachev, A.
THE "SECTIONS" PROGRAMME AND ITS RELATION TO OTHER PROGRAMMES FOR THE STUDY OF THE WORLD OCEAN.
Its p. 373-377.

ICSU-068 .30 Nowlin, W.
PACIFIC OCEAN MONITORING STUDIES: A REPORT PREPARED FOR THE U.S. NATIONAL COMMITTEE FOR SCOR.
Its p. 379-385.

ICSU-068 .31 Baker, D.
REPORT OF A LONG TIME SERIES DISCUSSION MEETING HELD AT LA JOLLA, FEBRUARY 1981.
Its p. 387-391.

ICSU-068 .32 Gould, W.
REPORT OF A DISCUSSION MEETING ON NORTH ATLANTIC MONITORING HELD AT WORMLEY, JUNE 1980.
Its p. 393-396.

ICSU-068 .33 LIST OF ABBREVIATIONS AND ACRONYMS.
Its p. 399-400.

ICSU-069 PROCEEDINGS OF THE SCIENTIFIC COMMITTEE ON OCEANIC RESEARCH.
International Council of Scientific Unions, Vol. 18, December 1982. 97 p.

IMCO INTER-GOVERNMENTAL MARITIME CONSULTATIVE ORGANIZATION, LONDON

IMCO-017 THE REVIEW OF THE HEALTH OF THE OCEANS.
Inter-Governmental Maritime Consultative Organization, Reports and Studies No. 15, 1982. 108 p.

IMCO-018 SCIENTIFIC CRITERIA FOR THE SELECTION OF WASTE DISPOSAL SITES AT SEA.
Inter-Governmental Maritime Consultative Organization, Reports and Studies No. 16, 1982. 60 p.

IOC INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION

IOC-057 THE DETERMINATION OF PETROLEUM HYDROCARBONS IN SEDIMENTS.
Intergovernmental Oceanographic Commission, Manuals and Guides, No. 11, 1982. 38 p.

IOC-058 CHEMICAL METHODS FOR USE IN MARINE ENVIRONMENTAL MONITORING.
Intergovernmental Oceanographic Commission, Manuals and Guides, No. 12, 1983. 53 p.

IOC-059 SCIENTIFIC REPORT OF THE INTER-CALIBRATION EXERCISE. THE IOC /WMO/UNEP PILOT PROJECT ON MONITORING BACKGROUND LEVELS OF SELECTED POLLUTANTS IN OPEN OCEAN WATERS.
Intergovernmental Oceanographic Commission, Technical Series, No. 2, 1982. 91 p.

IOC-060 JOINT IOC/WMO WORKING COMMITTEE FOR IGOSS, THIRD SESSION, PARIS, 21 FEBRUARY-2 MARCH 1983.
Intergovernmental Oceanographic Commission, Summary Report, 1983. 86 p.

IOC-061 UNU/IOC/UNESCO WORKSHOP ON INTERNATIONAL CO-OPERATION IN THE DEVELOPMENT OF MARINE SCIENCE AND THE TRANSFER OF TECHNOLOGY IN THE CONTEXT OF THE NEW OCEAN REGIME, PARIS, 27 SEPTEMBER - 1 OCTOBER 1982.
Intergovernmental Oceanographic Commission, Workshop Report, No. 32, 1982. 28 p.

IOC-062 GLOBAL INVESTIGATION OF POLLUTION IN THE MARINE ENVIRONMENT (GIPME). GROUP OF EXPERTS ON METHODS, STANDARDS AND INTER-CALIBRATION (GEMSI), FOURTH SESSION, CURACAO, 25-31 MARCH 1982.
Intergovernmental Oceanographic Commission, Summary Report, December 28, 1982. 188 p.

NAFO NORTHWEST ATLANTIC FISHERIES ORGANIZATION

NAFO-001 SCIENTIFIC COUNCIL STUDIES, (4), SPECIAL SESSION ON REMOTE SENSING, SEPTEMBER 1981.
Northwest Atlantic Fisheries Organization, 1982. 100 p.

NAFO-001 .1 Gower, J.
GENERAL OVERVIEW OF THE NATURE AND USE OF SATELLITE REMOTE SENSING DATA FOR FISHERIES APPLICATION.
Its p. 7-19.

NAFO-001 .2 Chamberlin, J.
APPLICATION OF SATELLITE INFRARED DATA TO ANALYSIS OF OCEAN FRONTAL MOVEMENTS AND WATER MASS INTERACTIONS OFF NORTHEASTERN UNITED STATES.
Its p. 21-30.

NAFO-001 .3 Irbe, J. Cross, R. Saulesleja, A.
REMOTE SENSING OF SURFACE WATER TEMPERATURE ON THE GREAT LAKES AND OFF THE CANADIAN EAST COAST.
Its p. 31-39.

NAFO-001 .4 Yamanaka, I.
APPLICATION OF SATELLITE REMOTE SENSING TO FISHERY STUDIES IN JAPAN.
Its p. 41-50.

NAFO-001 .5
Kitano, K.
VISUAL FEATURES OF THE KUROSHIO EDDIES AS SEEN IN THE INFRARED SATELLITE IMAGES FROM NOAA-6.
Its p. 51.

NAFO-001 .6
Yentsch, C.
SATELLITE OBSERVATION OF PHYTOPLANKTON DISTRIBUTION ASSOCIATED WITH LARGE SCALE OCEANIC CIRCULATION.
Its p. 53-59.

NAFO-001 .7
Gower, J.
THE "FLUORESCENCE LINE IMAGER" PROGRAM FOR IMPROVED MAPPING OF SEA-SURFACE CHLOROPHYLL FROM SPACE.
Its p. 61-62.

NAFO-001 .8
Topliss, B.
WATER COLOR IN EASTERN CANADIAN INSHORE AREAS.
Its p. 63-67.

NAFO-001 .9
Borstad, G. Brown, R. Truax, D. Mulligan, T. Gower, J.
REMOTE SENSING TECHNIQUES FOR FISHERIES OCEANOGRAPHY: EXAMPLES FROM BRITISH COLUMBIA.
Its p. 69-76.

NAFO-001 .10
Hayes, R. Murray, J.
APPLICATION OF A SATELLITE-TRACKED FISHING VESSEL TRANSMITTING TERMINAL TO FISHERIES MANAGEMENT AND SCIENCE.
Its p. 77-83.

NAFO-001 .11
Trites, R. Lawrence, D. Ross, C.
AN APPLICATION OF SATELLITES AND REMOTE SENSING TO STUDIES OF SURFACE CIRCULATION OFF EASTERN CANADA.
Its p. 85-91.

NAFO-001 .12
Edel, H.
AVAILABILITY OF REMOTE SENSING DATA FOR THE NORTHWEST ATLANTIC.
Its p. 93-97.

NAFO-002
INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES, SELECTED PAPERS, (3).
Northwest Atlantic Fisheries Organization, January 1978.
117 p.

NAFO-002 .1
Minet, J.
DYNAMICS AND YIELD ASSESSMENT OF THE NORTHEASTERN GULF OF ST. LAWRENCE COD STOCK.
Its p. 7-16.

NAFO-002 .2
Chekhova, V. Konstantinov, K.
CHARACTERISTICS OF THE BEAKED REDFISH, SEBASTES MENTELLA TRAVIN, IN BOTTOM AND MIDWATER TRAWL CATCHES ON FLEMISH CAP.
Its p. 17-21.

NAFO-002 .3
Bowering, W. Pitt, T.
AN EVALUATION OF THE STATUS OF WITCH FLOUNDER, GLYPTOCEPHALUS CYNOGLOSSUS, FROM ICNAF DIVISIONS 2J, 3K AND 3L.
Its p. 23-38.

NAFO-002 .4
Terre, J. Mari, A.
ESTIMATES OF NATURAL MORTALITY FOR THE SILVER HAKE STOCK ON THE SCOTIAN SHELF.
Its p. 29-31.

NAFO-002 .5
Hunt, J.
AGE, GROWTH AND DISTRIBUTION OF SILVER HAKE, MERLUCCIUS BILINEARIS, ON THE SCOTIAN SHELF.
Its p. 33-44.

NAFO-002 .6
Anderson, E. Ackerman, B.
COMPARISON OF USA SPRING BOTTOM TRAWL SURVEY ABUNDANCE INDICES FOR ATLANTIC MACKEREL, BASED ON DAY, NIGHT AND TOTAL CATCHES.
Its p. 45-48.

NAFO-002 .7
Sissenwine, M.
USING THE USA RESEARCH VESSEL SPRING BOTTOM TRAWL SURVEY AS AN INDEX OF ATLANTIC MACKEREL ABUNDANCE.
Its p. 49-55.

NAFO-002 .8
Berenbeim, D. Sigaev, I.
ON THE CORRELATION BETWEEN WATER TEMPERATURE AND THE SPAWNING TIMES FOR GEORGES BANK HERRING.
Its p. 57-59.

NAFO-002 .9
Carscadden, J.
THE CAPELIN, MALLOTUS VILLOSUS, POPULATION SPAWNING ON THE SOUTHEAST SHOAL OF THE GRAND BANK, 1976.
Its p. 61-71.

NAFO-002 .10
Kawahara, S.
AGE AND GROWTH OF BUTTERFISH, PEPRILUS TRIACANTHUS (PECK), IN ICNAF SUBAREA 5 AND STATISTICAL AREA 6.
Its p. 73-78.

NAFO-002 .11
Brennan, J. Palmer, J.
ESTIMATES OF VARIANCE OF AGE COMPOSITION OF MACKEREL CATCHES IN ICNAF SUBAREA 5 AND STATISTICAL AREA 6.
Its p. 79-91.

NAFO-002 .12
Scott, J.
DISTRIBUTION OF SQUID, ILLEX ILLECEBROSUS, ON THE SCOTIAN SHELF 1970-1976.
Its p. 93-96.

NAFO-002 .13
Sigaev, I.
INTRA-YEAR VARIABILITY OF GEOSTROPHIC CIRCULATION ON THE CONTINENTAL SHELF OFF NEW ENGLAND AND NOVA SCOTIA.
Its p. 97-107.

NAFO-003
SCIENTIFIC COUNCIL STUDIES, (5), SYMPOSIUM ON ENVIRONMENTAL CONDITIONS IN THE NORTHWEST ATLANTIC DURING 1970-79 SEPTEMBER 1981.
Northwest Atlantic Fisheries Organization, 1982. 114 p.

NAFO-003 .1
Dunbar, M.
TWENTIETH CENTURY MARINE CLIMATIC CHANGE IN THE NORTHWEST ATLANTIC AND SUBARCTIC REGIONS.
Its p. 7-15.

NAFO-003 .2
Saulesleja, A. Phillips, D.
METEOROLOGICAL CONDITIONS AND THEIR IMPACTS OVER THE NORTHWEST ATLANTIC IN THE 1970'S.
Its p. 17-32.

NAFO-003 .3
Ingham, M.
WEATHER CONDITIONS AND TRENDS IN THE MAINE-VIRGINIA COASTAL AND OFFSHORE AREAS DURING 1970-1979.
Its p. 33-37.

NAFO-003 .4
Wolford, T.
SEA ICE AND ICEBERG CONDITIONS.
Its p. 39-42.

NAFO-003 .5
Buch, E.
REVIEW OF OCEANOGRAPHIC CONDITIONS IN SUBAREAS 0 AND 1 DURING THE 1970-79 DECADE.
Its p. 43-50.

NAFO-003 .6
Trites, R.
OVERVIEW OF OCEANOGRAPHIC CONDITIONS IN NAFO SUBAREAS 2, 3 AND 4 DURING THE 1970-79 DECADE.
Its p. 51-78.

NAFO-003 .7
Stein, M.
AUTUMN TEMPERATURE ANOMALIES OF THE LABRADOR CURRENT, 1969-80.
Its p. 79-80.

NAFO-003 .8
Borovkov, V.
VARIABILITY OF AUTUMN OCEANOGRAPHIC CONDITIONS IN THE HAMILTON BANK AREA.
Its p. 81-86.

NAFO-003 .9
Keeley, J.
TEMPERATURE AND SALINITY ANOMALIES ALONG THE FLEMISH CAP SECTION IN THE 1970'S.
Its p. 87-94.

NAFO-003 .10
Mountain, D.
OCEANOGRAPHIC CONDITIONS IN NAFO SUBAREAS 5 AND 6 DURING 1970-79.
Its p. 95-100.

NAFO-003 .11
Bernstein, B. Mann, K.
CHANGES IN THE NEARSHORE ECOSYSTEM OF THE ATLANTIC COAST OF NOVA SCOTIA, 1968-81.
Its p. 101-105.

NAFO-003 .12
Sergeant, D.
SOME BIOLOGICAL CORRELATES OF ENVIRONMENTAL CONDITIONS AROUND NEWFOUNDLAND DURING 1970-79. HARP SEALS, BLUE WHALES AND FULMAR PETRELS.
Its p. 107-110.

PART II

KEYWORD INDEX

KEYWORD INDEX

AANDERAA CURRENT METER 02.01-476 02.01-490 .1 02.01-490 .6 06.09-117

ABALONE 43.03-058 .2

ABALONE, BLACKLIP 02.01-486 .7

ABALONE GROWTH 02.01-492 .7

ABBREVIATION LISTS ICSU-068 .33

ABIOSIS 37.22-011 .2

ABRA ALBA 13.00-052 .1 14.03-029 .3 .4

ABUNDANCE 60.01-084 .5

ABUNDANCE DISTRIBUTION 43.04-024 .8

ABUNDANCE, RELATIVE 60.01-070

ABUNDANCE, ZOOPLANKTON 11.03-023

ABU QIR BAY 64.03-007 .10

ABY LAGOON 44.01-032 .2

ACANTHOPAGRUS SCHLEGELI 24.20-008 .4

ACARTIA TONSA 22.03-008 .4

ACCELERATION, VERTICAL 38.14-242

ACETABULAR SUCKERS 39.48-010 .3

ACOUSTIC ASSESSMENT 30.02-102 .33

ACRONYMS LIST ICSU-068 .33

ADENOSINE TRIPHOSPHATE 12.02-012 .1

ADJACENT ECONOMIC ZONES FAO-260

ADRIATIC SEA 42.01-091 42.01-092 .1

ADVECTION 15.01-083 .6

AEGEAN SEA, NORTH 13.00-052 .3

AEROLAOPHONTE 13.00-051 .5

AGULHAS BANK 36.05-025 .7

AGULHAS CURRENT 36.03-013 .35 36.06-049 36.06-050 36.06-052 36.06-053 36.06-055

AGULHAS PASSAGE 36.03-013 .10

AGULHAS PLATEAU 37.22-014 .8

AIRBORNE INFRARED SCANNER 02.01-490 .8

AIRCRAFT DATA 39.27-085

AIR-SEA INTERFACE 14.04-005 .17 24.04-033 .12

AKADEMIK KNIPOVICH (R/V) 37.22-014 .11 37.22-015 .1 .6

AKADEMIK KURCHATOV (R/V) 37.05-101 .3

ALAND ISLANDS 11.03-031, 11.03-032

ALASKAN FISHES 39.35-433

ALASKA POLLOCK 43.02-057, .12

ALBACORE 24.11-033

ALBATROSS IV (R/V) 39.17-015

ALCYONACEA 73.05-002, .3

ALEUTIAN BASIN 24.04-033, .11

ALEVIN 14.04-005, .3

ALEWIFE 39.35-447, .20

ALEXANDER AGASSIZ (R/V) 39.01-267

ALEXANDER VON HUMBOLDT (R/V) 39.01-268, ICES-182

ALEXANDRIA HARBOR 64.03-007, .11, .12, .13

ALFRED NEEDLER (R/V) 06.16-016

ALGAE 01.06-012, 13.00-051, .2, 14.04-005, .41, 22.03-008, .2, 51.02-028, .2

ALGAE, BLUE-GREEN 39.35-428

ALGAE, BROWN 14.04-005, .9, 43.02-057, .9

ALGAE, EPIPHYTIC 36.03-013, .2

ALGAE, GREEN 02.01-492, .6, 22.03-008, .1

ALGAE, MARINE 73.05-003, .5

ALGAE, RED 12.02-012, .6

ALGAE, UNICELLULAR 37.22-012, .2, .5

ALKOR (R/V) 14.05-020

ALVARADO LAGOON 25.04-004, .10, .11

AMINO ACIDS, DISSOLVED 37.22-014, .3

AMMONIA EXCRETION 02.01-487, .5

AMMONIUM FLUX EXPERIMENT 39.36-098, .5

AMPHIPODA 14.03-029, .1, 36.03-013, .18

AMPLITUDE CHANGES 39.35-447, .9

ANAS SMITHII 36.03-013, .28

ANCHOA MITCHILLI 25.04-004, .11

ANCHOVIES 24.20-008, .1, 30.02-101, 30.02-102, .6, .22, .23, .29, .30, 36.05-025, .9

ANCHOVY LARVA 30.02-102, .10, .11

ANCHOVY, PERUVIAN 30.02-102, .7

ANGOLA 37.22-013, .3, .7

ANILOCRA 39.48-011 .4

ANNUAL CATCH 39.35-448 .11

ANNUAL RING 60.01-094

ANNULUS FORMATION 39.35-446 .15

ANODONTA CYCNEA 36.03-013 .29

ANOXIC CONDITIONS 14.04-005 .5

ANTARCTIC 37.22-011 .1

ANTARCTIC BOTTOM WATER 36.03-013 .10

ANTARCTIC CIRCUMPOLAR CURRENT 36.06-054

ANTARCTIC CONVERCENCE ZONE 14.02-143 .2

ANTARCTIC FRONT ZONE 39.36-098 .4

ANTARCTIC OCEAN 43.02-059 .11

ANTARCTIC PENINSULA 39.35-446 .13

ANTARCTIC SEA ICE ANALYSIS 39.36-096

ANTARCTIC SUPPLY VESSELS ICSU-068 .20

ANTENNAL MORPHOLOCY 39.35-446 .8

ANTON BRUUN (R/V) 30.02-102 .19

ANTON DOHRN (R/V) NAFO-003 .7

AQUACULTURE 22.03-008 .6 39.35-429

ARABIAN SEA 19.01-029 19.04-004

ARCACHON BAY 43.04-024 .7

ARCHILOPSIS UNIPUNCTATA 03.01-012 .6

ARCHIPELAGO SEA 11.03-023 11.03-024

ARCTICA ISLANDICA 39.35-445 .10

ARCTIC KELP COMMUNITY AINA-049

ARCTIC OCEAN, CANADIAN 06.09-123

ARGOS (R/V) 35.03-040 35.03-041 35.03-042 35.03-043

ARCOS SYSTEM ICSU-068 .21

ARCYROSOMA RECIUM 75.01-008

ARKONA BASIN 15.01-083 .1

ARKSHELL 43.02-059 .8

ARTEMIA SALINA 14.04-005 .42

ARTIFICIAL HEATING 14.03-029 .2

ARTIFICIAL SEED PRODUCTION 43.02-059 .9

ARTISANAL FISHERIES 50.01-045 50.01-046 50.01-047

ASSESSMENT METHODS, TROPICAL FISH STOCKS FAO-265

ASSIMILATION, NITROCEN 30.02-102 .2

A.T. CAMERON (R/V) NAFO-002 .9 .12

ATHERINID 02.01-488 .4

ATLANTIC BICHT, SOUTH 39.35-447 .14

ATLANTIC COAST, NOVA SCOTIA NAFO-003 .11

ATLANTIC OCEAN 01.06-016
24.04-033
.10
37.22-011
.3
37.22-014
.1

ATLANTIC OCEAN, CANADIAN 06.09-122

ATLANTIC OCEAN, EAST 37.22-013
.10

ATLANTIC OCEAN, EAST TROPICAL 37.22-013
.4
.6
.7

ATLANTIC OCEAN, EQUATORIAL 13.21-012
.8
37.22-013
.14

ATLANTIC OCEAN, NORTH 06.09-120
14.02-140
.2
24.14-025
.2
33.01-015
37.05-101
.5
37.22-014
.6

ATLANTIC OCEAN, NORTHEAST 13.00-054
.4
14.04-005
.30
38.14-251
38.14-255

ATLANTIC OCEAN, NORTHWEST 37.05-101
.4
NAFO-001
.12
NAFO-003
.1

ATLANTIC OCEAN, SOUTH 06.09-123
36.03-013
.42
37.22-014
.7

ATLANTIC OCEAN, SOUTHEAST 37.22-013
.2
.11
.13
37.22-014
.2
.10

ATLANTIC OCEAN, SOUTHEAST TROPICAL 37.22-013
.1

ATLANTIC OCEAN, SOUTHWEST 37.22-011
.4
37.22-015
.4

ATLANTIC OCEAN, TROPICAL 14.04-005
.57
44.01-033
.1

ATLANTIC OCEAN, WESTERN 39.48-011
.2

ATLANTIS II (R/V) 39.02-102
39.21-209
39.21-210

ATLAS, PHYSICAL OCEANOGRAPHY 06.09-123

ATLAS, TIDE STREAM 02.01-475

ATMOSPHERE 13.21-012
.7

ATMOSPHERE-OCEAN INTERACTION ICSU-068
.3

ATMOSPHERE VARIABILITIES ICSU-068
.27

ATMOSPHERIC DISTURBANCES 37.05-101
.9

ATMOSPHERIC PRESSURE 37.05-101
.3
.4

ATMOSPHERIC PROCESSES 37.05-101
.1

ATP 44.01-034
.2

AURELIA AURITA 14.04-005
.40

AUSTRALIAN FISHING ZONE 12.02-012
.8
.10

AUSTRALIA, WESTERN 39.35-446
.6

AUTUMN TEMPERATURE ANOMALIES NAFO-003
.7

AZORES 38.14-222
38.14-223
38.14-229

BACTERIA, HETEROTROPHIC 01.06-011
60.01-085

BACTERIAL FLORA 39.35-447
.17

BACTERIA, MARINE 22.03-008
.2

BACTERIOLOGICAL STUDY 25.04-004
.9

BACTERIOPLANKTON 29.03-001

BAFFIN (R/V) 06.09-109
06.16-016
30.02-102
.1
.4
.10
.19

BAFFIN ISLAND NAFO-003
.5

BALISTES CAPRISCUS 37.22-013
.8
.15

BALISTES CAROLINENSIS 44.01-033
.1

BALTIC SEA 11.03-025
11.03-028
11.03-039
14.02-140
.2
14.02-141
14.02-144
14.03-029
.7
14.04-005
.4
.22
.28
.32
.36
.38
.40
.43
.51
15.01-083
.3
.4
.5
15.01-084
.1
.5
15.02-039
15.02-040

BANTRY BAY 21.01-038

BARATARIA (R/V) 39.13-109

BARENTS SEA ICSU-068
.17

BAROCLINIC INSTABILITY 14.04-005
.55

BAROCLINIC SEA 37.05-101
.9

BAROCLINIC VOLUME TRANSPORT 36.06-054

BAROTROPIC FLUCTUATIONS 14.04-005
.56

BAROTROPIZATION 37.05-101
.8

BARRAMUNDI 02.01-486
.5
02.01-487
.2
.4

BARRAMUNDI GROWTH 02.01-487
.3

BASIN, CLOSED 37.05-101
.13

BASS STRAIT 02.01-484
02.01-490
.10
.11
.12
.13

BASS, STRIPED 39.35-446
.5

BATFISH 30.02-102
.25

BATHYMETRY 14.04-005
.54
44.01-032
.2

BATHYMETRY HISTORY AINA-052

BATHYTHERMOGRAPH 06.17-046

BATHYTHERMOGRAPH, DIGITAL 24.10-038

BATHYTHERMOGRAPH, EXPENDABLE 24.10-038
ICSU-068
.7

BAY OF BENGAL 19.04-003

BAY OF FUNDY, UPPER 06.09-111

BEAK DIMENSIONS 39.35-445
.13

BEAKED REDFISH NAFO-002
.2

BEAK KEY 39.35-445
.13

BEAUFORT SEAS 39.35-437

BEHAVIORAL INTERACTIONS, LOBSTER 39.35-448
.5

BEHAVIOR, HOMING 36.03-013
.4

BELLINGSHAUSEN SEA 37.22-014
.3

BELLOS (R/V) 39.35-427

BELT SEA 15.01-083
.2
15.01-084
.5

BENECKEA 24.20-008
.3

BENGUELA CURRENT 36.03-013
.8
36.05-025
.1

BENGUELA REGION 36.03-013
.16
.17
36.05-025
.4
.5
36.06-059
36.00-010
36.00-011

BENTHIC FAUNA 14.03-029
.3

BENTHIC FORAMINIFERA 43.04-025
.6

BENTHIC INVERTEBRATES 39.35-439

BENTHIC ORGANISMS 43.04-025
.3
.4

BENTHOS 38.00-025

BERING SEA 24.04-033
.5
.11

BERING SEA FISHERIES 39.35-448
.12

BERMUDA ICSU-068
.12

BIBLIOGRAPHY 42.01-092
.2
60.02-031
FAO-258

BIBLIOGRAPHY, EXPEDITION REPORTS 38.14-237

BIBLIOGRAPHY, GEOGRAPHY 32.03-046

BIBLIOGRAPHY, OCEANOGRAPHIC DATA 24.09-468

BIBLIOGRAPHY, SQUIDS 02.10-003

BILLFISH TOURNAMENT 60.01-079

BIOASSAY 37.22-012
.1
.2
.3
.4
.5
.6
.8
.9

BIOCHEMICAL GENETICS 39.35-448
.8

BIOCHEMICAL POLYMORPHISM 60.01-084
.3

BIOENERGETICS 39.35-446
.5

BIOENERGY 30.02-102
.23

BIOGENIC SALTS 37.22-014
.1

BIOGEOCHEMICAL CYCLES IMCO-017

BIOGEOGRAPHY, SHRIMP 25.04-004
.15

BIOLOGICAL PRODUCTIVITY 37.22-014
.9

BIOLOGICAL STATION NANAIMO 14.03-029
.5

BIOMASS 24.22-006
30.02-102
.16
.20
37.22-013
.4
.5
60.01-081
60.01-084
.4

BIOMASS, PHYTOPLANKTON 60.01-074

BIONESS 30.02-102
.21
.26

BIOPRODUCTION 37.22-011
.3

BIOS (R/V) 42.01-092
.1

BIOTIC COMMUNITY 14.03-029
.8

BIPHENYLS, POLYCHLORINATED 02.01-489
.4

BISCAYNE BAY 39.35-445
.6

BIVALVES 03.01-012
.1
36.03-013
.19
.29
.30
38.00-025
39.35-441

BLACK MARLIN 39.35-444

BLACK RIVER 36.03-013
.41

BLACK SEA 37.22-012
.10
39.21-209

BLACKTAIL REDHORSE 39.48-010
.3

BLENNIOID 13.00-053
.1

BLOODWORMS 39.35-440

BLOUBERG STRAND 36.03-013
.3

BLUE MARLIN, PACIFIC 39.35-448
.8

BLUE WHALES NAFO-003
.12

BONGO NET 30.02-102
.8

BONITO, PACIFIC 39.35-448
.9

BOREOPONTIA HEIPI 03.01-012
.9

BORKUMRIFF (R/V) 14.02-138

BOTHNIAN BAY 11.03-035

BOTHNIAN SEA 11.03-038

BOTTLE CASTS 06.17-058
06.17-061

BOTTOM PRESSURE 13.21-012
.6
38.14-218

BOTTOM SAND 42.01-091

BOTTOM STRESS FORMULATION 14.04-005
.29

BOTTOM TEMPERATURE DATA NAFO-003
.10

BOTTOM TRAWL SURVEYS NAFO-002
.7

BOUCHES-DU-RHONE 13.00-054
.5

BOWHEAD WHALE DISTRIBUTION AINA-050

BRACKISH WATER 44.01-034
.2

BRAMA JAPONICA HILGENDORF 24.04-033
.8

BRANCHIOSTEGAL RAYS 39.35-445
.1

BREAKWATERS 36.03-013
.1

BREAM, GILTHEAD 22.03-008
.5

BREST REFERENCE 13.24-018
.3

BRISBANE RIVER ESTUARY 02.01-489 .4

BRISTOL CHANNEL 38.14-239 38.14-252

BRITISH COLUMBIA NAFO-001 .9

BULLIA DIGITALIS 36.03-013 .7

BUNGO CHANNEL 24.07-061

BUOYANCY LIFT 38.14-246

BUOY DATA 02.01-474 02.01-484

BUOY, DRIFTING 13.21-012 .4

BUOY STATION 37.05-101 .7

BUOYS, WAVERIDER 38.14-248

BUOY SYSTEM 01.06-010

BUOY TRACK 02.01-481

BURDEKIN RIVER 02.01-490 .4

BURTON ISLAND 39.02-103

BUTTERFISH NAFO-002 .10

CADMIUM 02.01-486 .4 .6 02.01-488 .2 .3 02.01-492 .2 24.04-033 .2 73.05-002 .5

CADMIUM POLLUTION 14.04-005 .53

CADMIUM UPTAKE 14.04-005 .45

CALANOIDES CARINATUS 14.04-005 .20

CALANUS CHILIENSIS 30.02-102 .20

CALANUS FINMARCHICUS 14.04-005 .15

CALANUS HELGOLANDICUS 14.04-005 .15

CALANUS PLUMCHRUS 24.06-047 .3

CALCITE 14.04-005 .5

CALCOFI ATLAS 39.31-027

CALIFORNIA COASTAL WATERS 39.35-447 .18

CALIFORNIA COAST, SOUTHERN 39.35-446 .1 39.35-447 .21

CALIFORNIA CURRENT 39.31-027 39.35-436 39.35-446 .14 ICSU-068 .10

CALIFORNIA, SOUTHERN 22.03-008 .4 39.35-447 .19

CANADIAN EAST COAST NAFO-001 .3

CANARY BASIN 38.14-221

CANOES 50.01-047

CAPE BLANC 14.04-005 .25

CAPE COD WATERS 39.35-447 .15

CAPE COLUMBINE 36.03-013 .17 36.00-010

CAPE CROSS 36.05-025 .9 .10

CAPE HATTERAS, NOVA SCOTIA NAFO-003 .10

CAPE RECIFE 36.06-058

CAPE SABLE EXPERIMENT 06.09-109

CAPE ST. VINCENT 14.04-005
.61

CAPE SHOVELERS 36.03-013
.28

CAPE VERDE 13.00-054
.2
38.14-224

CAPRICORNE (R/V) 13.15-145
13.21-012
.16
ICES-182

CARBON ASSIMILATION 36.05-025
.3

CARBON, PARTICULATE ORGANIC 12.02-012
.1

CARBON, PHOTOSYNTHETIC 02.01-492
.6

CARBON UTILIZATION 73.05-002
.2

CARCHARHINUS LEUCAS 13.00-054
.4

CARCINUS MAENAS 14.04-005
.1
.8
.44

CARDINAL FISHES 39.48-101
.8

CARIBBEAN SEA 08.04-011
08.04-012
08.04-013
39.21-210
39.21-211
39.35-427
39.35-430
39.48-011
.6

CARIBBEAN SHELF REEF 39.48-011
.5

CASPIAN SEA 37.22-014
.4

CASSIDULOIDA 25.04-005

CATALAN SEA 13.00-054
.1

CATALOG, FRESHWATER FISH 75.01-009

CATALOG, OCEAN RESEARCH 24.13-049

CATALONIA 13.00-054
.3

CATCHABILITY COEFFICIENT 37.22-013
.12

CATCH, COMMERCIAL 21.01-035

CATCH CURVE 02.01-491
.2

CATCH DATA 11.03-029
11.03-030
11.03-031
12.02-012
.8
21.01-034

CATCH FLUCTUATIONS 43.02-057
.6

CATCHMENTS 02.01-486
.1

CATCH PREDICTION 02.01-485
.3

CATCH QUOTA 11.03-021

CATCH, RIVER 11.03-037

CDT PROFILES 15.01-084
.6

CELTIC SEA 38.14-218

CEPHALACANTHUS VOLITANS 37.22-013
.8

CEPHALOPODS 02.01-489
.3
24.04-033
.7

CEPHALOPODS, PELAGIC 02.01-491
.3

CEPHALOPODS, TROPICAL PACIFIC 39.35-445
.13

CEPHEUS EXPEDITION 24.13-050

CERASTODERMA EDULE 21.01-036

CERATIUM FURCA 60.01-086

CHAETOCEROS MUELLERI 73.06-001
.8

CHAETOGNATHS 43.02-057
.4

CHALLENGER (R/V) 38.14-216
38.14-217
38.14-232
38.14-234
38.14-235

CHAMPSOCEPHALUS GUNNARI 37.22-015
.5

CHAPMAN (R/V) 39.17-015

CHARLESTON HARBOR, SOUTH CAROLINA 39.35-447
.17

CHARLIE STATION ICES-187

CHARTS 60.01-066

CHEILOSTOME BRYOZOA 02.01-491
.4

CHEMICAL DATA 39.21-209

CHEMICAL METHODS IOC-058

CHEMICAL OXYGEN DEMAND 43.02-057
.4

CHEMICAL TOXICITY 37.22-012
.11

CHIMBOTE 30.02-102
.28

CHIMBOTE SHELF 30.02-102
.32

CHIU-LIEN (R/V) 12.02-012
.1
.2
.3

CHLORINATED HYDROCARBONS 14.04-005
.43

CHLOROPHTHALMIDAE 37.22-013
.10

CHLOROPHYLL 01.06-011
03.01-012
.13
24.04-033
.6
.7
30.02-102
.15
37.22-011
.1
37.22-014
.2

CHLOROPHYLL BIOMASS 38.14-223

CHLOROPHYLL CONCENTRATION 13.00-051
.3

CHLOROPHYLL DISTRIBUTION 30.02-102
.25

CHLOROPHYLL, SEA-SURFACE NAFO-001
.7

CHLOROPIGMENTS 03.01-012
.13

CHOFU MARU (R/V) 24.07-061
24.09-469

CHONDRITES 38.14-253

CHOROMYTILUS MERIDIONALIS 36.03-013
.19
.20
.21
.22

CHRISTCHURCH BAY 38.14-214
38.14-256

CHROMATOGRAPHY, HIGH PRESSURE LIQUID 03.01-012
.13

CHROMIUM, ANOMALOUS 25.04-004
.3

CHROMOSOMES 73.05-001
.6

CHRYSICHTHYS 44.01-034
.1

CHRYSICHTHYS NEGRODIGITATUS 44.01-033
.2

CHRYSICHTHYS WALKERI 44.01-033
.2

CHUKCHI, NORTHEASTERN 39.35-437

CHUNGMU AREA 43.02-059
.6

CHUNGMU HARBOR 43.02-059
.2

CICHLIDAE 44.01-032
.1
44.01-034
.1
.3

CIENFUEGOS BAY 60.01-080

CIGUATOXICITY 60.01-087

CILIATES 01.06-008
36.03-013
.32

CINECA REGION ICES-182

CIONA EDWARDSI 13.00-052
.2

CIRCULATION 02.01-485
.1
02.01-490
.3
06.09-121
37.04-063

CIRCULATION, GULF STREAM ICSU-068
.13

CIRCULATION, LONGSHORE 13.21-012
.14

CIRCULATION MAPPING 39.35-427

CIRCULATION PATTERNS 36.06-053

CIRCULATION, STEADY STATE 30.02-102
.3

CIRCULATION, THREE-DIMENSIONAL 02.01-490
.10

CIRCULATION, VERTICAL 37.05-101
.10

CIRCULATION, WIND-DRIVEN 02.01-490
.15

CLAM, SOFT-SHELL 39.35-448
.7

CLAY SAMPLES 25.04-004
.3

CLIMATE 13.21-012
.7

CLIMATIC CHANGES NAFO-003
.1
.2

CLIMATIC FACTORS 39.35-446
.16

CLIMATIC INFORMATION ICSU-068
.2

CLIMATIC VARIABILITY ICSU-068
.10
.27

CLIMATOLOGY 13.21-012
.8
39.35-436

CLIONE (R/V) 26.07-012

CLUPEA LEIOGASTER 64.03-007
.2

COASTAL DYNAMICS 13.21-012
.2

COASTAL MANAGEMENT 13.00-054
.5

COASTAL NURSERY GROUNDS 39.35-445
.5

COASTAL RESEARCH ICSU-069

COASTAL SHELVES 14.04-005
.54

COASTAL TIDE GAUGE RECORDS ICSU-068
.9

COASTAL UPWELLING 14.02-142
.2
14.04-005
.62

COASTAL WATERS 14.03-029
.4

COASTAL WATER VARIABILITY 30.02-102
.12

COASTAL ZONE 39.39-007

COAST, ECOLOGICAL STUDY 60.01-072

COCKBURN SOUND 02.01-490
.15

COCKLE 21.01-036

COD 11.03-030

COD ABUNDANCE 11.03-019

COD, ATLANTIC 39.35-443
39.35-447
.5

COD, FEEDING 11.03-019
.4

COD LIVER OIL 14.04-005 .44

COD STOCK, GULF OF ST. LAWRENCE NAFO-002 .1

COELENTERAE 73.05-003 .4

COLIFORM DENSITY 43.02-057 .8

COLIFORM POLLUTION 25.04-004 .9

COLORATION CHANGES 39.48-011 .3

COLOR SCANNER 39.39-007

COMMERCIAL SAMPLING 39.35-440

COMPETITION, INTRASPECIFIC 36.03-013 .5

COMPUTATION OF CURRENTS ICSU-068 .2

COMPUTERIZED ANALYSIS 33.03-001

COMPUTER PROGRAMS, FISH STOCK ASSESSMENT FAO-259

CONCHOCELIS 43.02-059 .10

CONDARIA 36.03-013 .6

CONDUCTIVITY 06.09-117

CONDYLACTIS AURANTIACA 42.01-091

CONSTANT SLOPE 13.24-018 .1

CONTINENTAL SHELF NAFO-003 .6

CONTINENTAL SHELF AREAS NAFO-003 .10

CONTINENTAL SHELF, AUSTRALIA 02.01-482 02.01-490 .16

CONTINENTAL SHELF, NEW ENGLAND NAFO-002 .13

CONTINENTAL SHELF, NEWFOUNDLAND 06.09-121

COOK STRAIT 14.02-142 .3

COPEPODA COMPOSITION 30.02-102 .28

COPEPODITES 14.04-005 .20

COPEPODS 14.04-005 .49 30.02-102 .26 36.03-013 .26 43.02-056

COPEPODS, GRAZING 30.02-102 .18

COPEPODS, PELAGIC 13.00-053 .2 .3 13.00-054 .2

COPEPODS, PLANKTONIC 60.01-070

COPEPODS, VERTICAL DISTRIBUTION 30.02-102 .15

COPULATORY ORGAN 03.01-012 .6

CORAL 02.01-489 .2 12.02-012 .5 25.04-004 .16

CORAL, AGE ESTIMATION 25.04-004 .17

CORALLIGENOUS COMMUNITY 43.04-025 .4

CORAL REEF FISH 39.48-010 .5

CORAL REEF SURVEY METHODS 39.48-011 .5

CORAL, REPRODUCTION 25.04-004 .18

CORAL, SCLERACTINIAN 27.04-001 .1

CORAL, SOFT 73.05-003 .4

COREGONUS LAVARETUS 11.03-019 .5

CORIOLIS (R/V) 13.15-145 24.09-471

CORONAR SKELETON 36.03-013 .3

COROPHIIDAE 14.03-029 .1

CORSICA 03.01-012 .3

COSCINODISCUS GRANII 14.04-005 .45

COSTA RICA 25.04-004 .8

COURAGEOUS (R/V) 02.01-480 02.01-483

CRABS 36.06-051 39.35-448 .5 44.01-033 .4

CRABS, DUNGENESS 39.35-447 .8

CRABS, GOLDEN KING 39.35-445 .9

CRABS, HORSESHOE 22.03-008 .6

CRABS, MUD 02.10-002 60.01-067

CRABS, SESARMINE GRAPSID 39.35-446 .8

CRABS, SHORE 14.04-005 .1

CRABS, STONE 36.05-025 .6 60.01-084 .1

CRASSOSTREA GIGAS 02.01-492 .4

CRINOIDS 13.00-052 .3

CROMWELL CURRENT 30.02-102 .17

CRUISES 01.06-007 01.06-008 01.06-011 01.06-012 01.06-014 01.06-016 02.01-479 02.01-480 02.01-483 02.01-485 .5 02.01-490 .12 06.09-109 06.16-016 06.17-045 06.17-046 06.17-047 06.17-048 06.17-049 06.17-050 06.17-051 06.17-052 06.17-053 06.17-054 06.17-055 06.17-056 06.17-057 06.17-058 06.17-059 06.17-060 06.17-061 06.17-062 06.17-063 06.17-064 06.17-065 06.17-066 06.17-067 06.17-068 06.17-069 06.17-070 06.17-071 06.17-072 06.17-073 06.17-074 06.17-075 06.17-076 06.17-080 08.04-011 08.04-012 08.04-013 08.07-003 08.07-004 12.02-012 .1 12.02-012 .2 12.02-012 .3 13.15-145 13.21-012 .3

13.21-012
.16
13.00-053
.3
13.00-054
.2
14.03-029
.9
14.03-029
.10
19.01-029
20.02-014
20.02-015
20.02-016
20.02-017
20.02-018
20.02-019
20.02-020
20.02-021
20.02-022
20.02-023
20.02-024
20.02-025
24.04-034
24.09-471
26.07-012
30.02-102
.1
30.02-102
.4
30.02-102
.10
30.02-102
.19
33.01-015
35.03-040
35.03-041
35.03-042
35.03-043
35.03-044
37.05-101
.2
37.05-101
.3
37.22-013
.12
37.22-013
.13
37.22-013
.14
37.22-014
.2
37.22-014
.8
37.22-014
.11
37.22-014
.14
37.22-015
.1
37.22-015
.6

CRUSTACEANS 38.00-025

CRUSTACEANS, PLANKTONIC 37.22-012
.4

38.14-217
38.14-220
38.14-221
38.14-222
38.14-224
38.14-225
38.14-226
38.14-227
38.14-228
38.14-229
38.14-230
38.14-231
38.14-232
38.14-233
38.14-234
38.14-235
38.14-236
38.14-251
39.01-267
39.01-268
39.02-102
39.02-103
39.06-064
39.13-109
39.17-015
39.21-209
39.21-210
39.21-211
39.27-085
39.35-427
39.35-437
39.36-096
39.36-097
39.36-098
.1
39.46-032
42.01-092
.1
43.02-057
.2
60.01-074
60.01-081
73.05-002
.4
73.05-003
.6
ICES-182
ICSU-068
.20
NAFO-002
.1
.9
.12
NAFO-003
.7
.8

CRYOS (R/V) 13.15-145
NAFO-002
.1

CTD CAST 30.02-102
.3

CTD DATA 39.02-102

CUBA 60.01-066

CUBAN SHELF 60.01-082
60.01-083
60.01-088
60.01-090
60.01-092
60.01-093

CUBICEPS 37.22-013
.15

CULTURE CONDITIONS 43.02-059
.10

CULTURING, FLOW-THROUGH 03.01-012
.12

CUMULATIVE INDEX, ARCTIC AINA-051

CURRENT DATA RESTORING 37.05-101
.12

CURRENT DIRECTION 24.07-059

CURRENT ENERGY 36.03-013
.40

CURRENT FLOW 73.06-001
.1

CURRENT, JETLIKE 13.21-012
.3

CURRENT MEASUREMENTS 15.01-084
.2
34.01-014
.1
38.14-214
39.46-032
ICSU-068
.18
.19

CURRENT METER RECORDS 06.17-078
NAFO-003
.5

CURRENT METERS 02.01-476
02.01-490
.16
26.07-012
43.02-057
.1

CURRENT METERS, MOORED 02.01-490
.15

CURRENT PATTERN, SOUTH PACIFIC NAFO-001
.4

CURRENTS 02.01-490
.1
13.21-012
.16
15.02-040
23.09-013
24.09-470
37.22-011
.4
.5

CURRENTS, BAROCLINIC 02.01-490
.12

CURRENTS, BOTTOM 36.03-013
.10

CURRENTS, BOUNDARY 02.01-490
.14

CURRENTS, COASTAL 43.02-057
.1

CURRENTS, EAST AUSTRALIAN 02.01-485
.5
02.01-490
.8

CURRENTS, GEOSTROPHIC 64.04-007
.1

CURRENTS, LITTORAL 02.01-490
.8

CURRENTS, NONPERIODIC 73.05-003
.3

CURRENTS, NON-TIDAL 43.02-057
.1

CURRENTS, POLEWARD 36.03-013
.8

CURRENTS, RESIDUAL 02.01-490
.2

CURRENTS, STRUCTURE 19.04-004

CURRENTS, SURFACE 14.04-005
.35

CURRENTS, TIDAL 38.14-242, 38.14-254, 43.02-058, .2

CURRENTS, WIND-DRIVEN 01.06-015

CURRENT VECTORS 38.14-219

CURRENT VELOCITY 36.03-013, .12

CUTLERIA MULTIFIDA 14.04-005, .9

CYANOBACTERIA 02.01-492, .1

CYCLE COVARIATION 39.35-447, .8

CYCLONE 19.04-003

CYGNUS EXPEDITION 24.13-050

CYLINDROPSYLLID 03.01-012, .17

CYPHOMA GIBBOSUM 60.01-071

CYPRINUS CARPIO SPECULARIS 25.04-004, .6

DAEMA CURRENT 43.04-024, .1

DALLIA PECTORALIS 39.35-433

DAMSELFISHES, CARIBBEAN 39.48-010, .4

DANGDONG BAY 43.02-057, .8

DANISH STRAITS 14.02-141

DAPHNIA MAGNA 37.22-012, .6

DARSS SILL 15.01-083, .3, 15.01-084, .2

DASSEN BAY 36.05-024

DATA PROCESSING ICSU-068, .21, IOC-060

DAVID STARR JORDAN (R/V) 39.01-267, 39.01-268

DAWSON (R/V) 06.09-109, 06.16-016

DECAPODA BRACHYURIA 34.01-104, .6

DECAPODS 30.02-099, 34.01-104, .4, 44.01-033, .4

DECREASING SIZE, MIGRATION 39.35-447, .20

DEEP CONVECTION ICSU-068, .5

DEEP SEABED MINING 43.04-025, .8

DEHYDROGENATION 14.04-005, .6

DELAWARE II (R/V) 39.17-015

DELAWARE RIVER ESTUARY 39.35-445, .12

DEMERSAL FISHES 12.02-012, .7, 39.35-437

DENMARK STRAIT 06.09-125

DENSITY 15.01-084, .3

DENSITY EFFECTS 43.04-025, .9

DENSITY FIELD 02.01-490, .11, 37.22-014, .6, .7, ICSU-068, .26

DENSITY INVERSION 43.04-024, .3

DENSITY STRATIFICATION 24.04-033, .13

DEPTH 60.01-071

DERWENT HUNTER (R/V) 02.01-485
.5

DESALINATION 24.11-032

DEUTSCHE BUCHT (R/V) 14.02-138

DEVELOPMENTAL OSTEOLOGY 39.35-432

DIADEMA ANTILLARUM 60.01-076

DIATOMS 64.03-007
.10

DIATOMS, APOCHLOROTIC 73.05-002
.2

DIATOMS, MARINE 73.06-001
.8

DIET, CASEIN 22.03-008
.5

DIET, CYPHOMA GIBBOSUM 60.01-071

DIET OVERLAP 39.35-447
.5

DIET STUDY 22.03-008
.7

DIFFUSION EXPERIMENTS 15.01-083
.7

DIGESTIVE EFFICIENCY 30.02-102
.31

DIGESTIVE RATE 60.01-067

DIGITAL CLOCKS, OCEANOGRAPHY 01.06-014

DINOFLAGELLATES 14.04-005
.21

DIPLODUS SARGUS 75.01-007

DIPTERA 36.03-018
.18

DISCOVERY (R/V) 38.14-216
38.14-217
38.14-219
38.14-223
38.14-224
38.14-228
38.14-229
38.14-230
38.14-231
38.14-233
38.14-236
38.14-251
ICES-182

DISCOVERY II (R/V) 39.36-097

DISCOVERY GAP 38.14-233

DISPERSION COMPOUNDS 37.22-012
.10

DISPERSION MEASUREMENTS 15.01-083
.7

DISSOLVED AMINO COMPOUNDS 14.04-005
.33

DISSOLVED ORGANIC MATTER 36.03-013
.39

DISSOLVED OXYGEN 36.06-056

DISTRIBUTION 39.35-431
39.35-439
39.35-441
39.35-442
39.35-448
.3

DISTRIBUTION, SILVER HAKE NAFO-002
.5

DIURNAL MIGRATION 14.04-005
.21

DIURNAL VARIATION 14.04-005
.59

DIVERGENCE ZONE, SOUTH TROPICAL 37.22-014
.11

DIVERSITY 60.01-068

DOLPHIN POPULATIONS 39.35-448
.1

DOLPHINS 64.03-007
.6

DORMITATOR MACULATUS 25.04-004
.10

DOUBLE-TAGGING EXPERIMENTS 39.35-447
.2

DOWNWELLING 36.00-011

DRAKE PASSAGE 06.09-123
ICSU-068
.18

DRIFT CARDS 43.02-059
.2

DRIFTER, OCEAN 06.09-112
06.09-115

DRIFT GILLNET 24.06-047
.1

DRIFTING BUOY, SATELLITE-TRACKED 39.48-011
.6

DRIFT NET COLLECTION 25.04-004
.13

DUGONG 64.03-007
.6

DUNALIELLA 22.03-008
.1

DYNAMIC CALCULATION 73.05-003
.2

DYNAMIC STRESS 01.06-013

EARTH-ORBITING SATELLITE 39.39-008

EAST CHINA SEA 43.02-059
.3

EBRIE LAGOON 44.01-032
.3
44.01-033
.2
.4
44.01-034
.1
.3

ECHINOIDS 25.04-005
60.01-076

ECHO COUNTING 11.03-026

ECHO INTEGRATOR 37.22-013
.14

ECHO SOUNDINGS 43.04-025
.1

ECKLONIA MAXIMA 36.03-013
.34

ECOLOGY 60.01-072

ECOSYSTEM 02.01-489
.4
30.02-100
39.35-445
.11
NAFO-003
.11

EDDY, MEDITERRANEAN 13.21-012
.12

EDDY, SYMMETRIC 37.05-101
.10

EDDY VISCOSITY 38.14-245

EDDY, WARM-CORE 02.01-485
.5

EDGE CONDITIONS 01.06-015

EDITQ 15.01-084
.6

EELS 14.04-005
.52
43.04-024
.7
FAO-258

E.E. PRINCE (R/V) 06.16-016

EFFECTIVE DOSE 37.22-012
.11

EFFLUENTS 37.22-012
.5
.6
.7
60.01-069

EGG CAPSULES 64.03-007
.8

EGG CENSUS 24.20-008
.1

EGG DIAMETER 43.02-059
.5

EGG HATCHING 39.35-446
.14

EGG-LAYING RHYTHM 13.00-053
.2

EGG SAMPLE DATA 30.02-101

EGYPTIAN GOOSE 36.03-013
.28

EKLONIA MAXIMA 36.03-013
.33

EKMAN DRIFT 36.06-058
43.04-024
.3

EKMAN LAYER 36.03-013
.46

EKMAN THEORY 14.04-005
.29

EKMAN TRANSPORT 43.04-024
.2

EL AUSTRAL (R/V) 01.06-007
01.06-008
01.06-011
01.06-012
01.06-014
01.06-016

ELBE 1 (R/V) 14.02-138

ELBE ESTUARY 14.03-029
.1
.2
.8

ELBE RIVER 14.02-139
.2
14.02-140
.1

ELECTRIC FIELD 37.22-013
.9

ELEMENTAL COMPOSITION, C, N, H 39.35-446
.2

ELEVATION, ISOLATED 37.22-014
.12

EL NINO 29.03-001
ICSU-068
.8

ELTANIN (R/V) 39.36-097

EMBRYOS 39.35-445
.3

ENDERBY LAND 43.02-059
.11

ENDURANCE (R/V) 39.36-096

ENEDRIAS 43.02-059
.4

ENERGY 39.35-446
.2

ENERGY ACTIVE ZONES ICSU-068
.25

ENERGY FLUX 13.21-012
.5

ENERGY LEVELS 06.09-120

ENERGY, OCEAN WAVE 73.05-001
.2

ENERGY REQUIREMENT 30.02-102
.23

ENERGY, SYNOPTIC 37.04-063

ENERGY TRANSPORT 13.21-012
.7

ENERGY UTILIZATION 30.02-012
.29

ENERGY VARIATIONS 37.05-101
.11

ENGLISH CHANNEL 13.24-018
.2

ENGRAULIS JAPONICA 43.02-059
.4

ENGRAULIS RINGENS 30.02-101
30.02-102
.11
.27

ENTEROMORPHA JUGOSLAVICA BLIDING 14.04-005
.28

EOTM 38.14-244

EPIBENTHIC MACROFAUNA 14.04-005
.2

EPIGONUS DENTICULATUS 13.00-054
.1

EPIMERIZATION 14.04-005
.37

EPINEPHELUS AENEUS 50.01-046

EPINEPHELUS FASCIATUS 64.03-007
.7

EQUATION, WATER WAVE 73.05-003
.1

EQUATORIAL DYNAMICS ICSU-068
.4

EQUATORIAL FRACTURE ZONE 36.03-013
.14

EQUATORIAL JET, EASTWARD 13.21-012
.4

EQUATORIAL JET, WYRTKI 13.21-012
.3

EQUATORIAL LATITUDES ICSU-068
.5

EQUATORIAL UNDERCURRENT 30.02-102
.12

EQUIPOTENTIAL 13.21-012
.15

ESCALLOP 21.01-033

ESCAPE VENT, TRAP 06.05-059

ESQUIMALT 06.17-050

ESTERASES 60.01-084
.3

ESTUARINE 39.35-445
.5

ESTUARINE ANIMALS 14.04-005
.53

ESTUARINE AREAS 43.04-025
.9

ESTUARINE SYSTEM 14.03-029
.2

ESTUARY 02.01-487
.1
02.01-488
.5
36.03-013
.12
.13
.25
.26
73.05-002
.5

EUKARYOTE, HALOTOLERANT 22.03-008
.1

EUPHAUSIID LARVAE 37.22-015
.2

EUPTEROTEGAEUS ORNATISSIMUS 13.00-054
.3

EUTROPHICATION 60.01-073

EXCHANGE VOLUME 73.05-003
.3

EXOCOETIDAE 30.02-102
.4

EXPLORER (R/V) 38.14-217

EXTENDED JURISDICTION FAO-261

EXTERNAL PARASITES 39.48-011
.4

FAEROE-SHETLAND CHANNEL 38.14-234

FALSE BAY 36.03-013
.19
.20
.21
.22
.24
.25
.36
.44
36.05-025
.8

FARN DEEPS 14.03-029
.11

FARNELLA (R/V) 38.14-216
38.14-221
38.14-222
38.14-225

FATTY ACIDS 39.35-447
.1

FAUNA, BENTHIC 60.01-090

FAUNA, DEMERSAL 12.02-012
.9

FECUNDITY 39.35-447
.16

FEEDING ECOLOGY 39.35-446
.11
.13

FEEDING, FIRST 30.02-102
.10
.11

FEEDING HABITS 24.04-033
.14
39.35-445
.8

FEEDING SPECTRUM 60.01-077

FEHMARNBELT (R/V) 14.02-138

FEMALE SEX CHANGES, FISH 39.48-010
.5

FERTILIZATION 36.00-009

FIELD STUDIES 39.35-446
.14

FILEFISH 43.02-057
.12
43.02-059
.5

FILEFISH, UNICORN 24.23-001

FILTER CULTURE SYSTEM 03.01-012
.12

FILTER FEEDERS 36.03-013
.16

FILTRATION 36.03-013
.9

FINFISH, ATLANTIC 39.35-447
.5

FIN SUPPORTS 39.35-445
.1

FIOLENT (R/V) 37.22-013
.12
.13
.14

FISH 60.01-078

FISH ABUNDANCE 02.01-488
.5

FISH, ACOUSTIC PROPERTIES 37.22-013
.15

FISH BIOLOGY 39.35-447
.14

FISH, BOTTOM 37.22-013
.7

FISH CAGE, ROTATING 22.03-008
.3

FISH COMMITTEES ICES-181

FISH CONCENTRATION 37.22-013
.14

FISH CULTURE 22.03-008
.3

FISH, DEEP-SEA 73.05-003
.6

FISH, DEMERSAL 02.01-489
.3

FISH DIET 13.00-054
.1

FISH EGGS 14.03-029
.6
60.01-083

FISHERIES 21.01-035
24.06-046
24.06-048
37.22-013
.10

FISHERIES APPLICATION NAFO-001
.1

FISHERIES, BALTIC SEA 11.03-021
.1

FISHERIES BIOLOGY, MACKEREL 73.06-001
.3

FISHERIES 60.01-079

FISHERIES, COMMERCIAL 39.35-446
.3

FISHERIES, DEMERSAL 02.01-482

FISHERIES DEVELOPMENT 50.01-045

FISHERIES EFFICIENCY 37.22-013
.12

FISHERIES HISTORY 21.01-036

FISHERIES, HUMAN ACTIVITIES 11.03-021
.2

FISHERIES MANAGEMENT FAO-262
NAFO-001
.10

FISHERIES, MUD CRAB 02.10-002

FISHERIES OCEANOGRAPHY NAFO-001
.9

FISHERIES, PAIR TRAWL 12.02-012
.8

FISHERIES PREDICTION 25.04-004
.4

FISHERIES PRODUCTION 75.01-007
75.01-008

FISHERIES REGULATIONS FAO-261

FISHERIES RESEARCH UNIT 39.40-103

FISHERIES, SMALL-SCALE FAO-264

FISHERIES, SQUID 02.10-003

FISHES, CARNIVOROUS 39.35-446
.13

FISHES, CORAL REEF 39.48-011
.4

FISHES, FRESHWATER	39.48-010 .7
FISHES, MARINE	39.48-010 .7
FISHES, NUTRIENT REQUIREMENTS	39.35-447 .1
FISHES, PELAGIC	02.01-479
FISH FOOD	13.00-053 .1
FISH, HERMAPHRODITIC	39.48-010 .1
FISHING	11.03-021
FISHING CENTER	21.01-034
FISHING CHARTS	06.05-058
FISHING EFFORT	11.03-027 11.03-030
FISHING, EXPLORATORY	11.03-019 .1
FISHING GROUNDS	73.06-001 .6
FISHING MORTALITY RATES	NAFO-002 .3
FISH LARVAE	30.02-102 .21 43.02-059 .4
FISH, NORTH ATLANTIC	ICES-184
FISH NUTRITION	11.03-020
FISH PHYSIOLOGY	39.35-447 .1
FISH, REEF	36.05-025 .8
FISH REPRODUCTION	37.22-011 .2
FISH STOCK ASSESSMENT, WORLD LIST	FAO-259
FISH STOCKS	11.03-021 .2
FISH TAGGING	02.01-487 .3
FISH TAGS	11.03-025
FISH, TRICHIURID	37.22-013 .11
FJORD BASIN	28.02-021
FLATFISHES	39.35-446 .11
FLATHEAD	02.01-486 .7
FLATHEAD, SPOTTED	24.23-001
FLEMISH CAP	NAFO-002 .2
FLOUNDER	11.03-031 11.03-032
FLOUNDER, YELLOWTAIL	39.35-448 .2
FLOW, MESO-SCALE	12.02-012 .4
FLOWS, LARGE-SCALE	37.05-101 .5
FLOW VELOCITY FLUCTUATIONS	37.05-101 .11
FLUORESCENCE LINE IMAGER	NAFO-001 .7
FLUORESCENT TRACERS	15.01-083 .7
FLUORIDE	14.04-005 .46
FLUORIMETRIC DETECTION	03.01-012 .13
FLUSHING TIME	43.04-025 .1
FLYING FISH	30.02-102 .4
FOCAL PROGRAM	13.21-012 .8
FOOD CHAIN	36.03-013 .38
FOOD CHAIN, COASTAL	02.01-485 .7

FOOD CHAIN, MARINE 02.01-485
.6

FOOD CONVERSION 22.03-008
.7

FOOD HABITS 39.35-447
.12
39.35-448
.2

FOOD REQUIREMENT 30.02-102
.29

FORAMINIFERA 60.01-082

FORECASTING 39.36-096

FORMALIN PRESERVATION 24.04-033
.9

FORMULA, LAPLACE 13.24-018
.3

FOULING 22.03-008
.3

FOULING ORGANISMS 43.02-059
.8

FOUR DIMENSIONAL ANALYSIS ICSU-068
.26

FRANCIS BEACON 38.14-228

FRASER RIVER, BRITISH COLUMBIA 39.35-447
.10

FREDERICK RUSSELL (R/V) 38.14-216
38.14-217
38.14-220
38.14-226

FREQUENCY DISTRIBUTIONS NAFO-002
.7

FRESHWATER BALANCE 44.01-032
.2

FRESHWATER FINFISH CULTURE 39.35-429

FRESHWATER FISH CATALOG 75.01-009

FRICTION, SEA SURFACE 73.05-001
.3

FRONT 02.01-490
.8

FRONTAL BAROCLINIC INSTABILITY 39.36-098
.4

FRONTOGENESIS 14.04-005
.34

FRUCTOSE 14.04-005
.37

FUCUS VESICULOSIS 14.04-005
.10

FUJI (R/V) 24.22-004
24.22-005

FULMAR PETRELS NAFO-003
.12

FUNGUS, TRICHOMYCETE 13.00-051
.1

FUNKA BAY 24.04-033
.3
.12

FUR SEAL POPULATIONS 39.35-448
.12

FUR SEALS 24.14-026
.1
.2

FUSUS TUBERCULATUS 64.03-007
.8

GALLOPER LIGHT VESSEL 38.14-238

GAS CHROMATOGRAPHY 14.04-005
.11

GAS EXCHANGE 14.04-005
.17

GAS-LIQUID INTERFACE 14.04-005
.17

GASTROPODS 36.03-013
.5
.15
.20

"GATE" 06.17-049

GAUSS (R/V) 14.05-020

GAVESHANI (R/V) 19.01-029

GEMPYLIDAE 24.14-025
.1

GENETIC POLYMORPHISM 02.01-488 .7

GENOTYPE FREQUENCY 02.01-488 .8

GEOGRAPHIC VARIATION 25.04-004 .8

GEOLOGY 60.01-065

GEORGES BANK 39.35-445 .2

GEORGE V COAST 39.02-103

GEOSTROPHIC CIRCULATION VARIABILITY NAFO-002 .13

GEOSTROPHIC ESTIMATE 30.02-102 .25

GERMAN BIGHT 14.02-139 .2
14.02-140 .1
14.02-142 .2
14.03-028

GERRIDAE 25.04-004 .13

GILL ANATOMY 02.01-489 .1

GILL NETS 39.35-445 .12
73.06-001 .7

GILL PARASITE 39.35-447 .22

GILL PATHOLOGY 39.35-445 .6

GILLS, BLUE CRAB 39.35-447 .17

GIRONDE ESTUARY INLET 13.00-052 .1

GLACIER (R/V) 39.02-103
39.35-437
39.36-098 .5 .6

GOATFISH, YELLOW 24.23-001

GOBIID 13.00-053 .1

GOLDEN THREAD 12.02-012 .7

GONADAL DEVELOPMENT 39.35-445 .10

GONAD INDEX 43.02-059 .5

GONATUS MIDDENDORFII 24.04-033 .1

GOSSTCOMP 14.02-143 .2

GOTLAND II (R/V) 39.36-096

GOTLAND DEEP 15.01-084 .3 .4

GRAHAM LAND 37.22-015 .2

GRAND BANKS 38.14-225

GRAVELS, FLUVIAL 38.14-241

GRAVELS, MARINE 38.14-241

GRAY WHALE DISTRIBUTION AINA-048

GRAZERS 36.03-013 .16

GREAT BARRIER REEF 02.01-490 .3 .4
02.01-490 .5

GREAT LAKES 38.14-215
NAFO-001 .3

GREECE 13.00-051 .6

GRIFFITHSIA 03.01-012 .11

GROUNDFISH 12.02-012 .10

GROUNDFISH COMMUNITY 12.02-012 .9

GROUNDFISHERY, NEW ENGLAND 39.35-443

GROUP STRUCTURE 39.48-010
.1

GROWTH, ATLANTIC MENHADEN 39.35-448
.13

GROWTH, KING MACKEREL 39.35-448
.10

GROWTH RATE 39.35-448
.7

GRUNTS 25.04-004
.14

GRUNTS, BIOLOGICAL DATA 39.35-430

GUANINE DEAMINASE 02.01-491
.1

GUINEA BASIN 38.14-231

GULF OF ALASKA 43.02-057
.13
AINA-051

GULF OF BATABANO 60.01-075

GULF OF CALIFORNIA 25.04-004
.15

GULF OF CARPENTARIA 02.01-475
02.01-485
.2
02.01-486
.5
02.01-490
.1
.2
39.35-446
.10

GULF OF GUINEA 37.22-013
.5
.8
44.01-033
.1

GULF OF LIONS 13.21-012
.6
.9
.12
.13
.14
.15

GULF OF MEXICO 39.35-427
39.35-446
.7
39.35-448
.4
.6
39.48-010
.6
60.01-070

GULF OF TOMINI 20.02-018
20.02-019
20.02-020

GULF STREAM 06.09-124
14.04-005
.30

GULF STREAM VARIABILITY ICSU-068
.13

GULF ST VINCENT 02.01-488
.1

GYRE (R/V) 39.46-032

GYRES 14.04-005
.58

HABITAT PARTITIONING 39.48-010
.4

HAIRTAIL, EAST CHINA SEA 73.06-001
.2

HAKE, PACIFIC 39.35-446
.14

HAKE, SILVER 39.35-447
.5

HAKUHO MARU (R/V) 24.09-471
24.13-050

HALF-TIDE MARK 36.06-056

HALIOTIS LAEVIGATA 02.01-492
.7

HAMBURG HARBOR 14.03-029
.8

HAMILTON BANK AREA NAFO-003
.8

HANGING CULTURE 43.02-059
.6
.7
.8

HARBOR DEVELOPMENT 32.03-045

HARDYHEADS 02.01-488 .4

HARIMA NADA 24.04-033 .6

HARPACTICOID, INTERSTITIAL 03.01-012 .9

HARP SEALS NAFO-003 .12

HATCHING 43.02-057 .7

HAWAII 39.35-446 .3

HAWAIIAN WATERS 39.35-445 .8 39.35-448 .8

HEAD ADVECTION 15.01-084 .1

HEAT BALANCE ICSU-068 .3

HEAT EXCHANGE 06.09-114 73.05-001 .4

HEAT FLUX 14.04-005 .26

HEAT STORAGE CHANGES ICSU-068 .3

HEAT TRANSPORT 14.04-005 .48

HEAVY METAL MONITORING 02.01-486 .4

HEAVY METALS 24.04-033 .9

HEIGHT, DYNAMIC 02.01-490 .9

HELICOPTER RECOVERY 01.06-010

HELWICK LIGHT VESSEL 38.14-239

HEMIGRAPSUS NUDUS 14.04-005 .8

HEMOLYMPH 02.01-489 .1

HEPATOPANCREAS 60.01-084 .1

HERCULES AIRPLANE 39.36-099

HERMAPHRODITIC FISH 39.48-010 .2

HERO (R/V) 39.06-064

HERRING 11.03-019 .4 11.03-021 .1 24.06-047 .2 .4

HERRING, ATLANTIC 39.35-445 .2

HERRING, BALTIC 11.03-019 .1 .2 .3 11.03-023 11.03-024 11.03-025 11.03-026 11.03-027

HERRING, FEEDING HABITS 11.03-019 .3

HERRING FISHERY 39.35-445 .14

HERRING, GEORGES BANK NAFO-002 .8

HERRING GULLS 39.35-447 .4

HERRING LARVAE 39.35-446 .12

HERRING, MORTALITY RATE 11.03-019 .2

HERRING, PACIFIC 14.03-029 .5

HERRING, PEAK SPAWNING NAFO-002 .8

HETEROTROPHY 73.05-002 .2

HETEROZOSTERA TASMANICA 02.01-488 .3

HOGFISH 39.35-447
.13

HOKUSEI MARU (R/V) 24.04-033
.4

HOLOTHUROIDS 13.00-052
.3

HOMING BEHAVIOR 25.04-004
.7

HOMOGENEOUS WATER 43.04-024
.4

HORIZONTAL ADVECTION 14.04-005
.27

HORIZONTAL DIFFUSION 36.05-025
.1

HORIZONTAL EXCHANGE 37.05-101
.10

HORIZONTAL SHEAR 36.05-025
.1

HORMONES, HYPOPHYSEAL 60.01-091

HOST, DIDEMNID 02.01-492
.6

HOTTENTOT BAY 36.05-025
.6

HOUT BAY HARBOR 36.03-013
.37

HUDSON (R/V) 06.09-109
06.16-016

HUDSON RIVER ESTUARY 39.35-446
.15

HUMAN CHORIONIC GONADOTROPIN 22.03-008
.9

HUMIDITY EXCHANGE 06.09-113

HVAR (R/V) 42.01-092
.1

HYDROACOUSTIC SURVEYS 39.35-445
.14

HYDROCHEMICAL DATA 37.22-014
.10

HYDROCHEMICAL ELEMENTS 37.22-013
.3

HYDROCHEMICAL REGIME 60.01-080

HYDRODYNAMICS 14.04-005
.31
60.01-085

HYDROGEN SULFIDE 73.06-001
.4

HYDROGRAPHIC DATA 39.21-209
39.35-434

HYDROGRAPHIC FORECASTS 37.22-011
.2

HYDROGRAPHIC STATION DATA 39.21-210
39.21-211

HYDROGRAPHIC STATIONS 39.02-102

HYDROGRAPHY 25.00-002
35.03-040
35.03-041
35.03-042
35.03-043
35.03-044
ICES-184

HYDROIDES NORVEGICA 64.03-007
.11
.12

HYDROLOGIC CONDITIONS 60.01-092

HYDROLOGIC OBSERVATIONS 23.09-013

HYDROLOGY 13.24-018
.4
20.02-014
20.02-015
20.02-016
25.00-002

HYDROMETEOROLOGICAL ELEMENTS ICSU-068
.2

HYPOTENSIVE EFFECT 73.05-003
.4

HYPOXIA 25.04-004
.6

ICANE 30.02-102
.9
.33

ICEBERG CONDITIONS NAFO-003
.4

ICEFISH 37.22-015 .5

ICELAND-SCOTLAND FRONTAL ZONE 14.04-005 .55

ICHTHYOFAUNA 60.01-078

ICHTHYOPLANKTON 25.04-004 .11 30.02-102 .27 60.01-084 .5

IGOSS OBSERVING SYSTEM IOC-060

IMPULSE TRANSPORT 14.04-005 .48

INCHON 43.04-025 .6

INCHON HARBOR 43.02-057 .11

INCINERATION PROCESS IMCO-018

INCUBATOR-SEPARATOR APPARATUS 03.01-012 .15

INDIAN MONSOON ICSU-068 .4

INDIAN OCEAN 13.21-012 .4 19.01-029 36.03-013 .35

INDIAN OCEAN, SOUTHEAST 02.01-474 02.01-485 .4

INDIAN OCEAN, SOUTHERN 02.01-490 .14 36.06-050

INDIA STATION ICSU-068 .15

INERTIA FREQUENCY 37.05-101 .6

INERTIAL OSCILLATIONS 39.13-110

INFRALITTORAL ZONE 13.00-054 .5

INFRARED SATELLITE IMAGES NAFO-001 .5

INFUSORIA 37.22-012 .3

INTERCALIBRATION IOC-062

INTERCALIBRATION EXERCISE IOC-059

INTERNATIONAL COOPERATION IOC-061

INTERNATIONAL GEOPHYSICAL YEAR 39.36-097

INTERNATIONAL LAW FAO-261

INTERNATIONAL MANAGEMENT, DATA ICSU-068 .24

INTERTIDAL FLATS 43.04-025 .6

INVERTEBRATES 39.35-437

INVERTEBRATES, ASSEMBLAGE 13.00-052 .1

INVERTEBRATES, MARINE 51.02-028 .2

IODOBROMINE PLANT 37.22-012 .7

IRISH SEA 38.14-252

ISENTROPIC SURFACES 14.04-005 .58

ISLAND GAUGES ICSU-068 .30

ISLAS ORCADAS (R/V) 39.36-098 .4

ISOPODS 36.03-013 .31

ISOPYCNAL PATTERN 14.04-005 .34

ISOTHERM 13.21-012 .15 36.03-013 .24

ISOTOPIC TECHNIQUE 22.03-008 .2

ISOZYMES 60.01-084 .2

ITALIAN SEAS 23.09-013

JACKASS MORWONG
02.01-488
.7
02.01-491
.2

JAPANESE NATIONAL PLAN
ICSU-068
.27

JAPAN SEA
24.07-060
24.07-061
43.02-057
.2
43.03-024
.3

JASIN 1978
14.04-005
.27
38.14-219
38.14-250

JEAN CHARCOT (R/V)
13.15-145
13.00-053
.3
13.00-054
.2

JEJU ISLAND
43.02-058
.2
43.04-024
.4

JELLYFISH
14.04-005
.39

JINHAE BAY
43.02-057
.3
.4

JOBABO PORT
60.01-086

JOHAN HJORT (R/V)
26.07-012

JOHN MURRAY (R/V)
38.14-216
38.14-227

JOHN N. COBB (R/V)
39.17-015

JOHNSTONE STRAIT
06.17-078

JOINT II
30.02-100

JONSWAP SPECTRUM
43.04-025
.2

JSC/CCCO MEETING
ICSU-068
.23

JULIETT STATION
ICSU-068
.15

JUMPING SPIDERS
AINA-048

KACHEMAK BAY
39.35-438

KAIYO MARU (R/V)
24.22-006

KEIFU MARU (R/V)
24.07-061

KELP
36.03-013
.2
.18
.31
.32
.33
.34
.38
.39
.45
36.06-011
36.06-059

KIEL BIGHT
14.04-005
.2
.11
.16
.36
.40
.43
.49
.50

KIEL FJORD
14.04-005
.28
.39

KILLIFISH, GULF
39.48-010
.6

KILLIFISH, LONGNOSE
39.48-010
.6

KIMITO ARCHIPELAGO
15.02-039

KINETICS, SPAWNING
22.03-008
.9

KING CRAB, DISTRIBUTION
39.35-438

KING MACKEREL
39.35-448
.10

KNIGHT INLET
06.17-077

KNORR (R/V)
39.21-211

KOFU MARU (R/V)
24.07-060
24.07-061

KOLGA HYALINA
38.14-232

KOREA STRAIT
43.02-057
.11

KORFO-KARAGINSK HERRING 24.06-047
.4

KOTAKA MARU (R/V) 24.20-008
.2

KRILL 14.04-005
.46
39.35-442
43.02-059
.11

KURDISTAN 06.09-110

KURIL ISLANDS 24.06-047
.1
.3

KUROSHIO 12.02-012
.3
24.04-033
.10
73.05-003
.2

KUROSHIO CURRENT ICSU-068
.19

KUROSHIO EDDIES NAFO-001
.5

KUROSHIO REGIONS ICSU-068
.6

KWINTEBANK 03.01-012
.9
.17

LABORATORY REARED 39.35-445
.4
.9

LABRADOR CURRENT NAFO-003
.7
.9

LACTIC DEHYDROGENASE 60.01-084
.2

LADY HAMMOND (R/V) 06.16-016

LAGOON, COASTAL 25.04-004
.5

LAMINARIA PALLIDA 36.03-013
.33
.34
.45

LAND BREEZE CIRCULATION 36.06-057

L'ANDRE NIVERY (R/V) 13.15-145

LANDSAT 14.02-142
.2

LANDSAT SERIES NAFO-001
.12

LANGEBAAN LAGOON 35.05-025
.2

LANGOSTINOS 30.02-099

LANGRANGIAN OBSERVATIONS 39.48-011
.6

LARVAE 14.04-005
.3
39.35-446
.1
.5
60.01-084
.5

LARVAE, DESCRIPTION 39.35-445
.9

LARVAE, STARVING 39.35-446
.2

LARVAL ABUNDANCE 14.03-029
.6

LARVAL DEVELOPMENT 25.04-004
.10
39.35-445
.4
39.35-446
.8
39.35-447
.13

LARVAL DISTRIBUTION 14.03-029
.6

LARVAL FISHES 39.35-447
.19

LATES CALCARIFER 02.01-486
.5
02.01-487
.2
.3
.4

LAURENT AMARO (R/V) ICES-182

LAVER 43.02-059
.10

LEAD 02.01-492
.2

LEEUWIN CURRENT 02.01-490 .14

LEPIDOCYBIUM FLAVOBRUNNEUM 24.14-025 .1

LIAGORA 12.02-012 .6

LICHENS 39.35-428

L'ICHTHYS (R/V) 13.15-145

LIGHTFISH 02.01-480

LIGIA DILATATA 36.03-013 .31

LIGURIAN CURRENT 13.21-012 .13

LIGURIAN SEA 23.00-002

LIMA STATION ICES-187 ICSU-068 .15

LIMPETS 13.03-013 .4 25.04-004 .7

LIMPOPO CONE 36.03-013 .35

LIMULUS POLYPHEMUS 22.03-008 .6

LINCKIA LAEVIGATA 02.01-486 .8

LIPID CONTENT 60.01-084 .1

LIPOLYTIC ACTIVITY 14.04-005 .62

LISTS, MARINE INSTITUTIONS AND FISHERIES ICES-185 ICES-188

LITHODES MURRAYI 36.05-025 .6

LITTLE BARRIER ISLAND 27.04-001

LITTORAL FISH 39.35-447 .7

LITTORAL ZONATION 36.03-013 .27

LITTORINA AFRICANA KNYSNAENSIS 36.03-013 .36

LITTORINA UNIFASCIATA 36.03-013 .5

LIZARD ISLAND 02.01-486 .8

LOBSTER, AMERICAN 39.35-448 .5

LOBSTER, ROCK 02.01-485 .1 02.01-489 .1 02.01-492 .5

LOBSTER TRAP 06.05-059

LOLIGINIDAE 02.10-003

LONGEVITY 02.01-492 .5

LUTJANIDAE 44.01-033 .3 60.01-084 .2 60.02-031

LUTJANUS SYNAGRIS 60.01-077 60.01-094

MACKEREL 73.06-001 .3

MACKEREL, ATLANTIC NAFO-002 .6 .7

MACKEREL CATCHES NAFO-002 .11

MACKEREL, DAY-NIGHT CATCHES NAFO-002 .6

MACKEREL, ESTIMATING CATCH NAFO-002 .11

MACKEREL, JACK 02.01-483 02.01-488 .6

MACKEREL, PACIFIC 39.35-435

MACKEREL, SPANISH 73.06-001 .7

MACROBENTHOS 25.04-004 .1 .2

MACROBRACHIUM TENELLUM 25.04-004 .5

MACROFAUNA 27.04-001

MACROPHYTE 02.01-485 .7
02.01-488 .3
36.00-010

MACROPHYTOBENTHOS 13.00-051 .2

MACROTIDAL REGION 43.04-025 .7

MADEIRA 38.14-224

MAINE COAST 39.35-440

MAINE ESTUARY 39.35-447 .11

MAIN FOOD INDEX 13.00-053 .1

MAINE-VIRGINIA COASTAL AREAS NAFO-003 .3

MAKAIRA (R/V) 60.01-081

MAKASSAR STRAIT 20.02-022
20.02-025

MALAKA STRAIT 20.02-015
20.02-016

MALDIVE ISLANDS 13.00-051 .5

MALTA FRONT ZONE 13.24-018 .4

MANAGEMENT CONCEPTS, FISHERIES FAO-264

MANGANESE NODULES 43.04-025 .8

MANGROVES 29.03-001
60.01-078

MANLIPO 43.04-025 .2

MAREX 39.39-007

MARINE BENTHOS 03.01-012 .8

MARINE DIATOM SURVEY 39.48-011 .1

MARINE ECOSYSTEM 03.01-012 .14

MARINE ENVIRONMENTAL MONITORING IOC-058

MARINE FISH, TROPICAL 39.48-011 .3

MARINE FISHERIES FAO-263

MARINE FLORA 39.35-428

MARINE POLLUTION 14.03-029 .4
IMCO-018

MARINE RESOURCES 32.03-044

MARINE SCIENCE DEVELOPMENT IOX-061

MARION DUFRESNE (R/V) 13.15-145
13.21-012 .3

MARION ISLAND 36.03-013 .23 .27

MARITIME ECONOMY 32.03-044
32.03-045

MARLBOROUGH SOUNDS 14.02-142 .3

MARLIN, WHITE 24.14-025 .2

MASAN BAY 43.02-057 .3
43.04-025 .1

MASCARENE RIDGE 37.22-014 .9

MASS SPECTROMETRY 14.04-005 .12

MAURITANIA 14.04-005 .25

MAUROLICUS MUELLERI 02.01-480

MAXWELL (R/V) 06.09-109

MC MURDO STATION 39.06-064
39.36-098
.5
39.36-099

MEAN SEA LEVEL 02.01-490
.2

MEASUREMENTS, SEAGOING 26.07-013

MECHANICAL CABLE 01.06-010

MEDITERRANEAN SEA 03.01-012
.11
13.21-012
.5
13.00-054
.3
.5
14.04-005
.6
.61
33.01-015
36.03-013
.11
43.04-025
.4
64.03-007
.1
.4
.5

MEIOBENTHOS 60.01-084
.4

MEIOFAUNA 03.01-012
.14
14.04-005
.36
36.06-056

MEIOFAUNA, BENTHIC 60.01-069
60.01-080

MELVILLE BAY NAFO-003
.4

MENHADEN, ATLANTIC 39.35-448
.13

MERCURY 02.01-486
.3
.6

MERCURY TOXICITY 02.01-486
.7

MESH SIZE 39.35-443
73.06-001
.7

MESOBENTHOS 60.01-082

MESOSCALE EDDIES, THERMAL FEATURES NAFO-001
.5

MESOSCALE EDDY 15.01-083
.1

METABOLISM, STANDARD 30.02-102
.24

METAL CONCENTRATION 02.01-492
.4

METAL, HEAVY 02.01-488
.2

METAZOAN SYMBIONT 02.01-492
.3

METEOR (R/V) 14.02-144
14.04-005
.18
.54
.57
.62
14.05-020

METEOROLOGICAL CONDITIONS NAFO-003
.2

METEOROLOGICAL DATA 39.27-085

METEOROLOGICAL SATELLITES NAFO-001
.12

METEOROLOGY 02.02-015

METHYL PALMITATE 14.04-005
.12

METHYL STEARATE 14.04-005
.12

MEYLIIDAE, NEW SPECIES 03.01-012
.4

MICROALGAE 03.01-012
.5

MICROFLAGELLATES 36.03-013
.32

MICROPLANKTON 30.02-102
.13

MICROSCALE PATCHINESS 30.02-102
.32

MICROTAGGING 11.03-039

MICROVORE 21.01-037

MIDDLE ATLANTIC BIGHT NAFO-003
.3

MIGRATION, DIURNAL 30.02-102
.21
37.22-013
.15

MIGRATION, FISH 02.01-487
.4

MIGRATION RATES 39.35-444

MIKE STATION ICES-187

MIKHAIL SOMOV (R/V) 39.36-098
.1
.3

MINERAL RESOURCES 32.03-045
39.40-103

MIXED LAYER EXPERIMENT 06.17-055

MODEL, CIRCULATION 02.01-490
.10

MODEL, FISHERY EXPLOITATION 25.04-004
.4

MODEL, FLOW SYSTEM 12.02-012
.4

MODEL, RECRUITMENT 30.02-102
.7

MODEL, WIND 73.05-001
.3

MOLLUSC, BIVALVE 03.01-012
.5

MOLLUSC CULTURE 03.01-012
.2

MOLLUSC FARMING 03.01-012
.1

MOLLUSCS 36.03-013
.15
43.02-057
.9

MOLYBDENUM 02.01-486
.3

MONHYSTERA PARELEGANTULA 03.01-012
.8

MONITORING BACKGROUND LEVELS IOC-059

MONITORING PROGRAM 39.35-435

MONITORING REPORT ICSU-068
.32

MONITORING STUDIES ICSU-068
.30

MONOCELIDID 03.01-012
.6

MONOSACCHARIDES 14.04-005
.37

MONSOON 19.04-004

MONSOON, SOUTHWEST 13.21-012
.1

MONSOON, WINTER 12.02-012
.2

MOORINGS 38.14-248

MOORING STATIONS ICSU-068
.19

MOORING SYSTEM 73.05-003
.7

MORECAMBE BAY 38.14-240

MORISITA'S INDEX 34.01-104
.7

MORPHOLOGY 13.00-051
.4
73.05-001
.6

MORPHOMETRIC PARAMETERS 39.35-446
.4

MORTALITY, KING MACKEREL 39.35-448
.10

MORTALITY RATES 39.35-447
.2

MULLET CULTIVATION 60.01-091

MULROY BAY 21.01-033

MULTISPECIES ANALYSIS 39.35-446
.3

MULTIVARIANT ANALYSIS 34.01-104
.6

MUMMICHOG 39.35-445
.3

MUSSELS 02.01-492
.3
34.01-104
.4
.7
.8
36.03-013
.22
36.06-051

MUSSON (R/V) ICES-182

MUTIARA IV (R/V) 20.02-017

MYCTEROPERCA BONACI 60.01-087

MYSIDOPSIS BAHIA 03.01-012
.15

MYTILUS EDULIS 14.04-005
.44
.52
.53
34.01-104
.8

NAMIBIA 15.02-041

NANSEN BOTTLE 24.22-004

NANSEN BOTTLE CASTS ICSU-068
.12

NARRAGANSETT BAY, RHODE ISLAND 39.35-448
.13

NATAL COAST 36.06-057

NATURAL MORTALITY ESTIMATES NAFO-002
.4

NAUPLII 14.04-005
.20

NAVICULA SIMPLICIS 64.03-007
.10

NELLA DAN (R/V) 02.01-490
.12
ICSU-068
.20

NEKTON 39.35-445
.11

NEMATODES 03.01-012
.4
.7
.8

NEMATODES, FREE-LIVING 03.01-012
.14

NEMIPTERUS 12.02-012
.7

NERITINA LATISSIMA 25.04-004
.8

NETTING, REFRIGERATED 73.06-001
.1

NEUSTON SAMPLER 30.02-102
.8

NEW ENGLAND SHELF 39.35-445
.10

NEW GUINEA 03.01-012
.10

NEW OCEAN REGIME IOC-061

NEWPORT BAY, CALIFORNIA 39.35-447
.7

NEW SOUTH WALES 02.01-476

NEW YORK BIGHT 39.35-439

NICKEL 02.01-486
.3

NILE DELTA 64.03-007
.1

NILE RIVER 64.03-007
.4

NIMBUS 39.39-007

NIMBUS 7 SATELLITE NAFO-001
.8

NIMBUS SERIES NAFO-001
.12

NITRATES 15.01-083
.4

NITRATE UPTAKE 43.02-057
.10

NITRITE DETERMINATION IOC-058

NITROGEN 15.01-083
.3

NITROGEN, REGENERATION 39.35-445 .11

NOAA-2 SATELLITE ICES-182

NOCTILUCA MILIARIS 22.03-008 .4

NOCTURNAL OFFSHORE FLOW 36.06-057

NODULARIA SPUMIGENA 14.04-005 .22

NODULES 25.04-004 .3

NOIROT (R/V) 13.15-145

NORGLOBAL (R/V) NAFO-002 .9

NORPAX HAWAII 39.46-032

NORTHERN SEAS PROCESSES ICSU-068 .32

NORTHERN SMOOTHTONGUE YOUNG 39.35-448 .3

NORTH ROCKALL TROUGH 38.14-214

NORTH SEA 03.01-012 .7
14.02-139 .1
14.02-140 .2
14.02-141
14.02-143 .1
14.02-144
14.03-029 .3
14.04-005 .38
36.03-013 .14
38.14-215
38.14-227

NORTH SEA, SOUTHERN 38.14-238

NORTH SEA, WESTERN 38.14-245

NORTHWIND (R/V) 39.02-103

NORWEGIAN SEA 38.14-215
ICSU-068 .17

NOTOTHENIA GIBBERIFRONS 37.22-015 .6

NOTOTHENIA ROSSII MARMORATA 14.04-005 .13 .14

NOTOTODARUS GOULDI 02.01-491 .3

NUMERICAL MODELLING 14.03-028
ICSU-068 .32

NUMERICAL MODELS 14.02-139 .1

NURSERY 03.01-012 .1 .2 .5

NURSERY HABITAT 02.01-488 .5

NUTRIENT BALANCES 15.01-083 .5

NUTRIENT DISTRIBUTION 01.06-007

NUTRIENT DYNAMICS 14.04-005 .63

NUTRIENT FLUX 30.02-102 .2

NUTRIENT REGENERATION 02.01-487 .5

NUTRIENT RELEASE 14.04-005 .4

OB (R/V) 39.36-097

OBSERVATIONS, WHALES 39.35-447 .15

OBSERVATORY PROGRAM, CBO 15.01-084 .5

OCEAN ATMOSPHERE ICSU-068 .28

OCEAN CURRENTS 14.04-005 .30

OCEAN DISPOSAL 38.14-255

OCEAN EXPERIMENTS ICSU-068 .23

OCEAN FLOOR IMCO-017

OCEAN FRONTAL MOVEMENTS NAFO-001 .2

OCEAN HEAT TRANSFER ICSU-068 .25

OCEAN HEAT TRANSPORT
ICSU-068
.1

OCEANIC CIRCULATION
NAFO-001
.6

OCEANIC RESEARCH
ICSU-067

OCEAN MONITORING
ICSU-068
.8
.27

OCEANOGRAPHIC CABLES
01.06-013

OCEANOGRAPHIC CONDITIONS
37.22-011
.5
37.22-013
.1
NAFO-003
.5

OCEANOGRAPHIC CONDITIONS, OVERVIEW
NAFO-003
.6

OCEANOGRAPHIC DATA
06.09-111
39.02-103

OCEANOGRAPHIC DATA BASE
ICES-182

OCEANOGRAPHIC MEASUREMENTS
ICSU-068
.14

OCEANOGRAPHIC OBSERVATIONS
06.17-051
06.17-052
06.17-053
06.17-054
06.17-077

OCEANOGRAPHIC OBSERVATIONS, NORTH PACIFIC
39.13-109

OCEANOGRAPHIC TIME-SERIES DATA
ICSU-068
.24

OCEANOGRAPHIC VARIATIONS
ICSU-068
.6

OCEANOGRAPHY
25.00-002

OCEANOGRAPHY, PHYSICAL
06.17-057

OCEANS, HEALTH
IMCO-017

OCEAN STATION NOVEMBER
39.13-109

OCEAN STATION P
06.17-045
06.17-046
06.17-047
06.17-048
06.17-049
06.17-050
06.17-051
06.17-052
06.17-053
06.17-054
06.17-055
06.17-056
06.17-057
06.17-058
06.17-059
06.17-060
06.17-061
06.17-062
06.17-063
06.17-064
06.17-065
06.17-066
06.17-067
06.17-068
06.17-069
06.17-070
06.17-071
06.17-072
06.17-073
06.17-074
06.17-075
06.17-076
06.17-079
06.17-080

OCEAN STATION PAPA
39.13-110

OCEAN WAVE SPECTRUM
73.05-001
.2

OIL, DISSOLVED
37.22-012
.10

OIL EXPLORATION
NAFO-003
.5

OIL INDUSTRY IMPACT ON SEABIRDS
AINA-050

OIL, LIGHT CRUDE
02.01-486
.2

OIL POLLUTION
21.01-038

OIL SPILLS
06.09-119
43.02-057
.9

OIL SPILL TRAJECTORY MODEL
06.09-119

OIL TANKER
06.09-110

OIL TANKER, BREAKUP
06.09-110

OKHOTSK SEA
24.04-033
.4
.14

	24.06-047 .2 24.07-060 24.14-025 .3 24.14-026 .1
OPEN OCEAN WATERS	IOC-059
OPEN SEA	01.06-011
OPTICAL PROCESSING	39.39-008
OPUS 1981	39.27-085
ORAL INCUBATION	44.01-032 .1
OREGON COAST	39.35-446 .11 39.35-447 .12 .16
ORGANIC MATTER, DECOMPOSITION	37.22-014 .1
ORGANIC MATTER, DETRITAL	37.22-014 .5
ORGANIC SULFUR	14.04-005 .6
ORKNEYS, SOUTH	37.22-015 .5
OSCILLATIONS, INERTIAL	13.21-012 .9
OSCILLATIONS, INTERNAL	37.05-101 .9
OSCILLATIONS, STANDING WAVE	13.21-012 .10
OSHIMA PENINSULA	24.04-033 .13
OSHORU MARU (R/V)	24.04-034
OSMOTIC ADAPTATION	14.04-005 .52
OSTRACODS	03.01-012 .10 13.00-051 .6
OTOLITH GROWTH	39.35-445 .2
OTOLITHS	39.35-445 .3 60.01-094
OTTER TRAWL	38.14-236
OTTER TRAWL SAMPLING	39.35-447 .22
OUTFALL, SUGAR CANE FACTORY	60.01-089
OXYGEN, ANOMALOUS	06.17-079
OXYGEN BUDGET	02.01-487 .1
OXYGEN DEPLETION	30.02-102 .3
OXYGEN, DISSOLVED	25.04-004 .6 34.01-104 .2
OXYGEN SATURATION	39.31-027
OXYGEN SENSOR	14.04-005 .16
OYSTERS	36.03-013 .9 43.02-059 .6 .7
OYSTERS, CULTIVATION	73.05-001 .5
OYSTERS, PACIFIC	02.01-492 .4
OYSTERS, PEARL	73.05-001 .5 .6
PACIFIC ANTARCTIC AREA	37.22-011 .5
PACIFIC BONITO	39.35-435
PACIFIC COAST, MEXICO	25.04-005
PACIFIC OCEAN	06.09-123 08.07-003 08.07-004 24.04-033 .10 24.14-025 .1 ICSU-068 .30

PACIFIC OCEAN, CENTRAL 39.35-447
.3

PACIFIC OCEAN, EASTERN ICSU-068
.7
.9

PACIFIC OCEAN, EASTERN TROPICAL 39.35-448
.1

PACIFIC OCEAN, NORTH 24.04-033
.1
.2
.5
.8
39.35-448
.11
43.02-057
.13

PACIFIC OCEAN, NORTHEAST 39.35-448
.3
ICSU-068
.11

PACIFIC OCEAN, NORTHWEST 24.06-047
.4
ICSU-068
.6

PACIFIC OCEAN, SOUTHEAST 37.22-014
.3

PACIFIC OCEAN, SOUTHWEST 02.01-481
39.35-444

PACIFIC OCEAN, WESTERN ICSU-068
.7

PAGRUS CHRENBERGI 75.01-008

PALAVASCIA SPHAEROMAE 13.00-051
.1

PALEOCENE PERIOD 36.03-013
.43

PALINURUS GILCHRISTI 36.05-025
.7

PANDALUS BOREALIS KROYER 14.03-029
.11

PANULIRUS ARGUS 60.01-084
.3

PANULIRUS HYDROSTATION ICSU-068
.12

PARAGRAPSUS QUADRIDENTATUS 02.01-486
.2

PARASITE-HOST RECORDS 39.35-433

PARASITES, MUSSEL 02.01-492
.3

PARECHINUS ANGULOSUS 36.03-013
.44
36.00-009

PARI ISLAND 20.02-017

PARROTFISH 60.01-087

PARR POPULATION DENSITY 11.03-037

PARTICLE COUNTING 30.02-102
.13

PARTICULATE DEBRIS 36.03-013
.45

PARTICULATE MATTER 30.02-102
.1
36.03-013
.39

PATELLA COMPRESSA 36.03-013
.2

PATELLIDAE 13.03-013
.4

PECTEN MAXIMUS 21.01-033

PELAGIC FISH 30.02-102
.33
36.05-025
.10

PELAGIC RESOURCES 39.35-435

PELAGIC TRAWL 11.03-019
.1

PENAEUS DUORARUM 37.22-013
.9

PENAEUS MERGUIENSIS 02.01-485
.3

PENAEUS ORIENTALIS 73.06-001
.4

PENGUINS 14.04-005
.46

PEPTIDES 14.04-005
.47

PERCH, GIANT 02.01-487
.2

PERCH, WHITE 39.35-446
.15

PERMAFROST AINA-051

PERU COAST 14.04-005
.7

PESCADA 14.04-005
.60

PESTICIDE, ORGANOCHLORINE 60.01-088

PETROLEUM HYDROCARBONS IOC-057

PHARMACOLOGY 60.01-065

PHEROMONE 14.04-005
.9
.10

PHLEBOBRANCHIATE ASCID 13.00-052
.2

PHOSPHATE EXCRETION 02.01-487
.5

PHOSPHATE, INORGANIC 64.03-007
.5

PHOSPHATES 15.01-083
.4

PHOSPHORUS 15.01-083
.3
.5

PHOSPHORUS CYCLING 22.03-008
.2

PHOTOINHIBITION 30.02-102
.14

PHOTOSYNTHESIS 37.22-011
.1
.8
43.02-057
.10
73.05-003
.5

PHOTOSYNTHESIS-LIGHT RELATIONSHIP 03.01-012
.16

PHOTOSYNTHETIC LAYER 37.22-014
.9

PHTHALATE ESTERS 14.04-005
.11

PHYSICAL DATA REPORTS 39.01-267
39.01-268

PHYSICAL OCEANOGRAPHY 06.09-124
06.17-056
06.17-058
06.17-059
06.17-060
06.17-061
06.17-062
06.17-063
06.17-064
06.17-065
06.17-066
06.17-067
06.17-068
06.17-069
06.17-070
06.17-071
06.17-072
06.17-073
06.17-074
06.17-075
39.36-098
.2
.6

PHYTOPLANKTON 02.01-485
.6
13.00-051
.3
14.04-005
.22
.63
15.01-083
.6
15.02-039
24.04-033
.6
30.02-102
.5
.14
.16
34.01-104
.3
36.05-025
.4
.5
36.06-059
37.22-012
.7
.8
37.22-013
.2
.3
60.01-081
60.01-085

PHYTOPLANKTON ANALYSIS 60.01-073

PHYTOPLANKTON DISTRIBUTION 60.01-074
NAFO-001
.6

PHYTOPLANKTON YIELD 37.22-015
.1

PIGFISH 39.35-431

PILOT PROJECT IOC-059

PINCTADA MARTENSII 73.05-001
.5

PINNIPEDS 39.35-447
.18

PISIDIA LONGICORNIS 34.01-104
.7

PITCH ANGLE 24.11-032

PLAGIOSCION MONTI 14.04-005
.60

PLANET (R/V) 14.05-020

PLANKTON 02.01-485
.4
13.00-051
.6
14.03-029
.7
14.04-005
.18
.23
.24
.50
.51
20.02-014
24.04-034
24.11-032
36.03-013
.25
36.05-025
.10
37.22-013
.4
37.22-014
.1
43.02-056
43.02-057
.10
ICES-184

PLANKTON COMMUNITY 37.22-015
.4

PLANKTON, COUNTING SYSTEM 30.02-102
.9

PLANKTONIC DIATOMS 43.04-025
.5

PLANKTON NET 73.05-003
.6

PLANKTON PATCHINESS 30.02-102
.32

PLANKTON SAMPLES 30.02-102
.8

PLANKTON, VERTICAL DISTRIBUTION 30.02-102
.9

PLETTENBERG BAY 36.03-013
.15

PLEXAURA HOMAMALLA 25.04-004
.17
.18

PNEUMATOPHORUS JAPONICUS 73.06-001
.3

POLAR BEARS AINA-048

POLAR LATITUDES ICSU-068
.5

POLEWARD FLOW 14.04-005
.7

POLLUTANTS 37.22-012
.4
60.01-088

POLLUTION 02.01-488
.2
11.03-021
.2
25.04-004
.1
36.03-013
.41
37.22-012
.2
44.01-032
.3
60.01-069
60.01-085
73.05-002
.5
IOC-062

POLLUTION CONTROL 39.36-099

POLLUTION, MARINE 60.01-065

POLLUTION, ORGANIC 25.04-004
.2

POLLUTION PREVENTION 37.22-012
.1

POLONIUM-210 36.03-013
.11

POLYARTHRA 36.03-013
.26

POLYCHAETES 02.01-489
.2
43.02-059
.7
43.04-025
.3

POLYMODE 37.04-063
37.05-101
.1
.2
.3
.4
.5
.6
.7
.8
.12

POLYMODE HYDROLOGICAL SURVEY ICSU-068
.26

POLYMORPHIC LOCI 02.01-488
.6

POMADASYIDAE 25.04-004
.14

POMFRET 24.04-033
.8

POPULATION ANALYSIS 43.02-057
.5

POPULATION BIOLOGY 39.35-447
.10

POPULATION DENSITIES 39.48-011
.5

POPULATION DISTRIBUTION 25.04-004
.7

POPULATION DYNAMICS 36.03-013
.36
39.35-446
.9

PORCUPINE SEABIGHT 38.14-235

PORGY, BLACK 24.20-008
.4

PORGY, LONGSPINE 39.35-446
.9

PORGY, WHITEBONE 39.35-447
.14

PORPHYRA 24.20-008
.3

PORPHYRA DISEASE 73.06-001
.1

PORT-CROS ISLAND 03.01-012
.11

PORT EDWARD 36.06-049

PORT ELIZABETH 36.06-055

PORTS 60.01-066

PORTUGUESE COAST 33.03-002

POSTLARVAL ABUNDANCE 25.04-004
.19

POTASSIUM 64.03-007
.3

POTENTIAL ENERGY 02.01-490
.11

PRAWN, BANANA 02.01-485
.3

PRAWN FISHERY 02.01-485
.2

PRAWN, FRESHWATER 25.04-004
.5

PRAWN, KING 02.01-488
.8

PRECIPITATION 51.02-028
.1

PREDATION 22.03-008
.4

PREMATURATION 73.06-001
.2

PRESSURE GAUGE ICSU-068
.18

PRESSURE SENSITIVITY 39.35-446
.12

PREY DENSITY 24.20-008
.4

PRINCE EDWARD ISLAND 36.03-013 .27

PRIMARY PRODUCTION 03.01-012 .16 13.00-051 .3 30.02-102 .2 .19

PRODUCTION 30.02-102 .17

PRODUCTIVITY 60.01-090

PROFESSOR MESYATSEV (R/V) 37.22-014 .2 .8

PROPERTIES, SEA ICE 39.36-098 .3

PROTEASE INHIBITORS 39.35-445 .7

PROTEIN ELECTROPHORESIS 02.01-488 .6 .7 .8 02.01-491 .1

PROTEIN SYNTHESIS 30.02-102 .5

PROTEOCEPHALUS 39.35-433

PROTEOLYSIS 39.35-445 .7

PROTOZOA 36.03-013 .38

PROTOZOA, MARINE 37.22-012 .3

PROTSION (R/V) NAFO-003 .8

PRUVOTFOLIA PSELLIOTES 13.00-051 .4

PUERTO RICO 39.48-010 .4 39.48-011 .1 .5

PUFFER 25.04-004 .12

PUMPING, TIDAL 02.01-485 .1

PURSE SEINING 36.05-025 .8 43.02-059 .1 .3 44.01-033 .3

PYCNOCLINE 37.22-011 .4

PYCNOCLINE BOUNDARIES 14.04-005 .33

PYRIDOXINE REQUIREMENT 22.03-008 .5

QIONGZHOU STRAIT 73.05-003 .3

QUADRA (R/V) 06.17-045 06.17-046 06.17-047 06.17-048 06.17-049 06.17-052 06.17-054 06.17-055 06.17-057 06.17-059 06.17-061 06.17-063 06.17-065 06.17-067 06.17-068 06.17-070 06.17-072 06.17-074 06.17-076

QUEENSLAND SHELF 02.01-490 .6

RABBITFISH 22.03-008 .8

RADAR, SYNTHETIC ARRAY 06.16-017

RADE DE TOULON 13.21-012 .10

RADIATIONAL HEAT EXCHANGES ICSU-068 .1

RADIATION STRESS 02.01-490 .7

RAKITU (ARID) ISLAND 27.04-001
.1

RANDOM SAMPLING, STRATIFIED 60.01-076

RECRUITMENT PATTERN 02.01-489
.2

REDOXCLINE 14.04-005
.4

RED SEA 14.03-029
.10
22.03-008
.8
64.03-007
.2
.3
.6
.7
.8
.9

RED SEA BREAM 43.02-057
.5

RED SEA SIGANIDS 22.03-008
.8

RED TIDE 14.04-005
.21
43.02-057
.3

REFERENCE COLLECTION 51.02-028
.2

REGRESSION ANALYSIS 02.01-490
.7

REMOTE SENSING 13.21-012
.11
39.39-008
NAFO-001
.3
.11

REMOTE SENSING DATA NAFO-001
.12

REMOTE SENSING, INFRARED 13.21-012
.12
.13

REMOTE SENSING TECHNIQUES NAFO-001
.9

REMOVAL OF MALES, FISH GROUPS 39.48-010
.5

RENOCILA 39.48-010
.8

REPORT LITERATURE 38.14-237

REPORTS, EXPEDITION 38.14-237

REPRODUCTION 02.01-492
.5
25.04-004
.18

REPRODUCTION MOVEMENTS 39.35-446
.9

REPRODUCTIVE BIOLOGY 39.35-448
.6

REPRODUCTIVE CYCLE 24.04-033
.3

REPRODUCTIVE EFFORT 30.02-102
.7

RESEARCH, FINNISH FISHERIES 11.03-022

RESIDUAL CURRENTS 14.02-139
.1
14.02-143
.1

RESIDUAL FLUXES 34.01-104
.1

RESOURCE ALLOCATION 30.02-102
.18

RESTORING INFORMATION 37.05-101
.12

RHIZOSOLENIINEAE 39.48-011
.1

RIA DE AROSA 34.01-104
.1
.2
.3
.4
.5
.6
.8
34.01-105

RIA DE MUROS 34.01-104
.3

RICHARDS BAY 36.06-049

RIO DE LA PLATA 14.04-005
.23
.24

ROBBEN ISLAND 24.14-026
.2

ROCKALL TROUGH 38.14-226
38.14-250

ROCKFISH, WIDOW 39.35-447
.16

ROCK LOBSTER 36.05-024
36.05-025
.7
39.35-446
.6

ROCKY BOTTOM 60.01-076

ROCKY SHORE 21.01-038

ROMEO STATION ICES-187

ROSSBY WAVES 13.21-012
.4
14.04-005
.56
15.01-083
.6
15.02-041
37.05-101
.13

ROSS ICE SHELF PROJECT 39.02-103

ROSS SEA 39.36-098
.5

ROSS SEA, SOUTHWESTERN 39.36-098
.6

ROTATING MODEL 13.24-018
.2

ROTATIONAL FLOW 43.04-024
.5

RUNCINA FERRUGINEA 13.00-051
.4

RYOFU MARU (R/V) 24.07-060
24.07-061

SALDANHA BAY 36.05-024
36.05-025
.2

SALINITY 01.06-009
02.01-486
.1
06.09-125
15.01-084
.3
15.02-040
23.00-002
24.22-005
34.01-104
.2
34.01-105
39.31-027
43.02-056
43.02-059
.1
43.04-024
.6
43.04-025
.9
44.01-032
.3
60.01-092

SALINITY ANOMALIES 06.17-079
NAFO-003
.9

SALINITY CHARTS, SKAGERRAK-KATTEGAT ICES-186

SALINITY MEASUREMENTS ICSU-068
.31

SALINITY PROFILE 24.04-033
.4

SALINITY RECORDS ICSU-068
.16

SALINITY-TEMPERATURE PROFILE 06.17-077

SALINOMETER, INDUCTIVE 24.22-005

SALMON 11.03-037
11.03-039

SALMON, CALIFORNIA KING 39.35-447
.8

SALMON, CHUM 24.14-025
.3
39.35-447
.10

SALMON DIETS 39.35-429

SALMONELLA 25.04-004
.9

SALMON FEEDING 11.03-038

SALMON, FINLAND 11.03-035

SALMON, JUVENILE 39.35-447
.12

SALMON, SILVER 39.35-447
.8

SALTS, BIOGENIC 37.22-013
.2

SAMPLER, GULF V 11.03-019
.2
.3
11.03-023
11.03-028

SAMPLES, BOTTOM 02.01-491
.4

SAMPLING IOC-057

SAMPLING GEAR 39.35-441

SAMUDERA (R/V) 20.02-014
20.02-015
20.02-016
20.02-018
20.02-019
20.02-020
20.02-021
20.02-022
20.02-023
20.02-024
20.02-025

SAN ANDRES (R/V) 08.04-012
08.04-013
08.07-003
08.07-004

SANDDAB HOSTS 39.35-447
.22

SANDDAB, LONGFIN 39.35-447
.21

SANDSTREAM 36.06-052

SANDWORMS 39.35-440
39.35-447
.4

SARDINA PILCHARDUS 14.04-005
.25
75.01-007

SARDINE CATCH ICSU-068
.10

SARDINE, PACIFIC 39.35-436

SARDINES 24.11-033
24.20-008
.5
30.02-102
.22
.31
43.02-057
.12

SARDINE SPEED 30.02-102
.24

SARDINOPS SAGAX 30.02-102
.24
.27

SARGASSO SEA 14.04-005
.33
37.05-101
.5

SARGASSUM 39.48-011
.2

SATELLITE GEODESY 39.06-064

SATELLITE INFRARED DATA NAFO-001
.2

SATELLITE-MONITORED POLAR BEARS AINA-049

SATELLITE OBSERVATION NAFO-001
.6

SATELLITE OBSERVING SYSTEMS ICSU-068
.23

SATELLITE REMOTE SENSING NAFO-001
.1
.4

SATELLITES NAFO-001
.11

SATELLITE, SEASAT 06.16-017

SATELLITE-TRACKED BUOYS 14.04-005
.35
ICSU-068
.22

SATELLITE-TRACKED TRANSMITTING TERMINAL NAFO-001
.10

SATELLITE TRACKING 02.01-481
02.01-484

SATSUMA PENINSULA 24.20-008
.5

SATUROMETRY 14.04-005
.5

SAURY 24.06-047
.1
.3

SCALARS 14.04-005 .34
SCALLOPS 02.01-486 .6 43.03-059 .9
SCHLEI FJORD 14.03-029 .7
SCHMIDT-OTT SEAMOUNT 37.22-014 .8
SCOLICIA 38.14-253
SCOMBER JAPONICUS 43.02-059 .3
SCOPHTHALAMUS MAXIMUS 14.04-005 .32
SCOR WORKING GROUP ICSU-069
SCOTIAN SHELF NAFO-002 .4 .5 .12
SCOTIA SEA 14.04-005 .19
SCROBICULARIA PLANA 36.03-013 .29 .30
SCUBA DIVING 12.02-012 .5
SCULPINS, LARVAE 39.35-447 .11
SCYLLA SERRATA 02.10-002
SCYPHOMEDUSAE 14.04-005 .38 .39
SEA-AIR INTERFACE 73.05-001 .4
SEA BASS 21.01-035
SEA COAST UTILIZATION 32.03-044
SEA-CUCUMBER 73.06-001 .5
SEA GRASS 51.02-028 .2
SEA GREENLING 24.04-033 .14
SEA ICE NAFO-003 .4
SEA LEVEL 13.21-012 .6 36.03-013 .37 .43 ICSU-068 .8 .9
SEA LEVEL VARIATIONS 39.35-434
SEALS 36.03-013 .23
SEALS, RINGED AINA-052
SEA OF JAPAN 37.22-014 .4
SEA OF KOREA 43.02-059 .1 43.04-024 .6
SEA OF SCOTIA 37.22-015 .1 .2 .3
SEASAT SYNTHETIC-APERTURE RADAR 39.39-008
SEASONAL ABUNDANCE 39.35-447 .7
SEASONAL FLUCTUATIONS 43.04-025 .5
SEASONAL MEAN TEMPERATURE 39.31-027
SEASONAL SPAWNING CYCLE 39.35-447 .21
SEASONAL THERMOCLINE 14.04-005 .27
SEASONAL VARIATION 14.04-005 .59 28.02-021
SEA SQUIRT 43.02-057 .7 43.02-058 .1
SEA SURFACE MICROLAYER IOC-062

SEA-SURFACE TEMPERATURE EXPERIMENT ICSU-068 .7

SEA SURFACE TEMPERATURES 02.01-474, 51.02-028 .1, ICSU-068 .4 .14

SEA TROUT 21.01-034

SEA TROUT, BALTIC 11.03-033, 11.03-034

SEA TROUT, SILVER 39.35-446 .7

SEA URCHIN GRAZING NAFO-003 .11

SEA URCHINS 36.03-013 .3 .44, 36.00-009

SEAWATER 14.02-139 .2, 14.02-140 .1

SEAWEED DECOMPOSITION 02.01-485 .7

SEAWEEDS 03.01-012 .3

SECONDARY PRODUCTION 01.06-012

"SECTIONS" PROGRAM ICSU-068 .29

SEDIMENTATION 14.04-005 .50

SEDIMENTATION BASIN 25.04-004 .2

SEDIMENT, BOTTOM 24.04-033 .12, 37.22-014 .4

SEDIMENT DATA 06.09-111

SEDIMENT DISPERSAL 36.06-052

SEDIMENT, LAMINATED INTERTIDAL 02.01-492 .1

SEDIMENT, MARINE 37.22-014 .5

SEDIMENTS 21.01-037, 27.04-001, 38.14-244, 38.14-249, 38.14-253, 60.01-084 .4, 64.03-008, 73.06-001 .5, IOC-057

SEDIMENT SUBSTRATE 27.04-001 .1

SEDIMENT, SUSPENDED 43.04-025 .7

SEDIMENT, TERRIGENOUS 02.01-490 .4

SEDIMENT TRANSPORT 38.14-254

SEDIMENT-WATER INTERACTION 14.04-005 .63

SEDIMENT-WATER INTERFACES 14.04-005 .16

SEICHES 13.21-012 .10

SEINE, BEACH 11.03-032

SEINE ESTUARY 13.00-051 .2

SEISMIC ACTIVITY, MT. EREBUS 39.36-099

SELECTED POLLUTANTS IOC-059

SERGESTES SIMILIS 39.35-445 .4

SERPULIDS 64.03-007 .11 .12 .13

SESTONIC BIOMASS 44.01-034 .2

SETO INLAND SEA 43.02-057 .5

SEWER WATER 60.01-089

SEX REVERSAL 39.48-010 .2, 39.48-011 .3

SEX REVERSAL CONTROL 39.48-010 .1

SEXUAL CYCLES 24.14-026 .1

SEXUAL MATURITY STAGES 39.35-446 .4

SEXUAL PHEROMONE 14.04-005 .1

SHACKLETON (R/V) 38.14-250

SHARED STOCKS FAO-260

SHARKS 13.00-054 .4 39.35-447 .9

SHARK, SHARPNOSE 39.35-448 .6

SHEEPSCOT ESTUARY, MAINE 39.35-447 .4

SHELLFISH 43.02-057 .8 .13

SHELLFISH LANDINGS 39.35-446 .16

SHIELDS GRAPH 38.14-241

SHIP-DRIFT DATA 36.06-050

SHIP ROUTING 06.09-120

SHIYAN (R/V) 73.05-002 .4 73.05-003 .6

SHORTWAVE RADIATION ICSU-068 .1

SHOYO MARU (R/V) 24.09-471

SHRIMP 14.03-029 .11 30.02-099 36.03-013 .11 37.22-013 .9 73.06-001 .4

SHRIMP, BRINE 03.01-012 .12

SHRIMP, CARIDEAN 25.04-004 .15

SHRIMP MIGRATION 25.04-004 .19

SHRIMP, PANDALID 39.35-438

SHRIMP, PENAEID 39.35-446 .10

SHRIMP, PINK 39.35-447 .6

SHRIMP, POSTLARVAE 25.04-004 .19

SHUMPU MARU (R/V) 24.07-060 24.07-061

SHUNYO MARU (R/V) 24.20-008 .2

SIERRA LEONE 13.00-051 .5

SIGMA-t 06.09-125

SILVER HAKE NAFO-002 .5

SILVER HAKE STOCK NAFO-002 .4

SILVERSIDES 02.01-488 .4

SIMULATED WAVE SURFACE 73.05-002 .1

SINGLEMOLT 39.48-010 .8

SINUSOIDAL WIND STRESS 43.04-024 .2

SIPHONARIA GIGAS 25.04-004 .7

SIZE CHANGES, DOLPHINS 39.35-448 .1

SIZEWELL-DUNWICH BANKS 38.14-249

SKELETON, SCLEROTIZED 25.04-004 .17

SKELETONEMA COSTATUM 43.04-025 .5 73.06-001 .8

SLUDGE DUMPING 21.01-037

SMALL-SCALE OCEAN 13.21-012
.5

SMELTER EFFLUENT 02.01-492
.2

SNAPPER 60.02-031

SNAPPER, GRAY 60.01-067

SNAPPER, LANE 60.01-077
60.01-094

SODIUM 64.03-007
.3

SOFT-BOTTOM SUBSTRATE 02.01-489
.3

SOIL STRUCTURE 64.03-008

SOLEA (R/V) 02.01-479
14.05-020
26.07-012

SOLE, JUVENILE ENGLISH 39.35-445
.5

SOMALI EDDY 13.21-012
.1

SONNE (R/V) 14.02-142
.1
14.03-029
.9

SOUTH CHINA SEA 43.02-057
.6
73.05-001
.1
.4
73.05-002
.3
73.05-003
.1

SOUTH CHINA SEA BUOY 1 73.05-003
.7

SOUTHERN CROSS (R/V) 39.36-096

SOUTHERN OCEAN 02.02-015
14.04-005
.19
.35
36.03-013
.42
36.05-025
.3
36.06-053
36.06-054

SOUTH GEORGIA 14.04-005
.13
.14

SOUTH SHETLAND 14.04-005
.13
.14

SOVIET METEOR SATELLITE 39.36-098
.1

SOYO MARU (R/V) 24.09-469

SPACE SEGMENT ICSU-068
.21

SPACE-TIME VARIABILITY 15.01-084
.1

SPARUS AURATA 22.03-008
.7
.9

SPAT 21.01-033

SPAT, BIVALVE 03.01-012
.2

SPATANGOIDA 25.04-005

SPAWNING 14.04-005
.3
24.20-008
.1
.5
30.02-102
.6
39.35-431
39.35-446
.7
39.35-447
.13
64.03-007
.7

SPAWNING BEHAVIOR 14.04-005
.60

SPAWNING MIGRATION 11.03-019
.5
39.35-447
.20

SPAWNING PATTERN 30.02-102
.22

SPECIES DIVERSITY 60.01-078

SPECIFIC DYNAMIC ACTION 30.02-102 .31

SPECTRA FREQUENCY OSCILLATION 37.05-101 .4

SPECTRAL BAND RADIANCE NAFO-001 .7

SPECTROSCOPY, ATOMIC ABSORPTION 02.01-486 .6

SPECTRUM CURVE 73.05-001 .2

SPERMATOZOIDS 14.04-005 .10

SPHAEROMA SERRATUM 13.00-051 .1

SPIOCHAETOPTERUS COSTARUM 34.01-104 .5

SPIRORBIS CORRUGATUS 64.03-007 .13

SPONGE COMMUNITY 60.01-068

SPRAT 11.03-019 .4 11.03-021 .1 11.03-026 11.03-027 11.03-028

SPRAT, BALTIC 11.03-019 .1

SPRING BOTTOM TRAWL SURVEY NAFO-002 .6

SPRING LANDINGS 39.35-447 .6

SQUID 02.01-491 .3

SQUID, DISTRIBUTION NAFO-002 .12

SQUID, LONG-FINNED 39.35-446 .4 NAFO-002 .10

SQUID, PELAGIC 39.35-447 .3

STARELLA (R/V) 38.14-216

STARFISH, BLUE 02.01-486 .8

STATION M ICSU-068 .16

STATISTICAL ESTIMATES ICSU-068 .25

STD DATA 06.17-048

STEREOPAIRS 36.03-013 .1

STERNASPIS SCUTATA 34.01-104 .5

STICHOPUS JAPONICUS 73.06-001 .5

ST LUCIA 36.03-013 .13

STOCHASTIC AGE-FREQUENCY ESTIMATION 39.35-448 .9

STOCK-CULTURE AUTOMATION 03.01-012 .15

STOCK RECRUITMENT 39.35-446 .6

STOMACH ANALYSIS 30.02-102 .30

STOMIATOID FISHES 39.35-445 .8

STORMS 14.04-005 .29

STORM SURGE 19.04-003

STRAIT OF GEORGIA 14.03-028 39.35-445 .14

STRATIFICATION 73.06-001 .6

STRATIFIED SEA 13.24-018 .1

STROMBUS FASCIATUS 64.03-007 .9

STROMBUS GIBBERULUS 64.03-007 .9

STURGEON, ATLANTIC 39.35-445 .12

SUBARCTIC REGIONS NAFO-003 .1

SUBMARINE RIDGE 37.22-014 .12

SUBORDERS COSCINODISCINEAE 39.48-011 .1

SUBSTRATA, BOTTOM 12.02-012 .5

SUBSTRATE, ARTIFICIAL 60.01-072

SUBTROPICAL CONVERGENCE 14.02-143 .2
14.04-005 .23 .24
ICSU-068 .20

SUEZ CANAL 64.03-007 .4

SULAWESI SEA 20.02-021
20.02-025

SULFATE REDUCTION 02.01-492 .1
29.03-001

SULFUR-35 30.02-102 .5

SUNDA SHELF 12.02-012 .9

SUNDA STRAIT 20.02-023
20.02-024

SURFACE CIRCULATION NAFO-001 .11

SURFACE CURRENTS 39.48-011 .6

SURFACE DRIFTING BUOYS ICSU-068 .31

SURFACE GRAVITY WAVES 36.03-013 .42

SURFACE HEAT 39.35-436

SURFACE LAYER 15.01-084 .2
28.02-021
37.22-011 .3

SURFACE OBSERVATIONS 05.17-059

SURFACE SALINITY, NORTHEASTERN NORTH ATLANTIC ICES-189

SURFACE TEMPERATURE 23.00-002

SURFACE TEMPERATURE CHARTS, NORTH SEA ICES-189

SURFACE WATER 64.03-007 .5

SURFACE WATER TEMPERATURE NAFO-001 .3

SURFACTANTS 37.22-012 .9

SURGEONFISH 60.01-087

SURGE PREDICTION 38.14-252

SUSPENDED PARTICULATE MATTER 30.02-102 .13

SWAN-AVON ESTUARY 02.01-488 .4

SWIMMING KINEMATICS 39.35-447 .9

SWORDFISH 39.35-445 .1

SYNOPTIC EDDY, MODEL 37.05-101 .8

SYRTICOLA FLANDRICUS 03.01-012 .17

TABLE BAY 36.03-013 .6 .7
36.03-014 .41

TADPOLE LARVA 43.02-057 .7

TAGGING 24.14-025 .3

TAGGING DATA 02.01-478

TAGGING EXPERIMENTS 11.03-033
11.03-034
11.03-035
11.03-036
11.03-037

TAGGING PROGRAM 39.35-444

TAHITI SHUTTLE EXPERIMENT 39.46-032

TAKUYO (R/V) 24.09-469

TASMAN SEA 02.01-484
02.01-490
.9
ICSU-068
.22

TAXONOMIC STUDIES 12.02-012
.6
39.35-432

TAXONOMY 02.01-491
.4
13.00-051
.5
25.04-004
.12
.13
.14

TAXONOMY, CORAL 25.04-004
.16

TAYLOR EDDY 37.22-014
.12

TECHNOLOGY TRANSFER IOC-061

TELECONNECTIONS NAFO-003
.6

TELEDETECTION 13.21-012
.11

TELEOST LARVAE 39.35-432

TELEOST RECORDER 38.14-218

TELLINACEA 36.03-013
.30

TEMPERATURE 01.06-009
06.09-117
06.09-125
34.01-105
37.22-014
.13
60.01-086
60.01-092
73.05-003
.5

TEMPERATURE ANOMALIES NAFO-003
.9

TEMPERATURE CHARTS, NORTH SEA ICES-186

TEMPERATURE DISTRIBUTION 73.05-001
.1

TEMPERATURE FLUCTUATION 37.05-101
.6

TEMPERATURE INVERSIONS 24.04-033
.13

TEMPERATURE MONITORING 06.09-116

TEMPERATURE PROFILE 02.01-490
.9

TEMPERATURE REGIME 60.01-093

TEMPERATURE, SURFACE 13.21-012
.16

TEMPERATURE, VERTICAL 73.06-001
.6

TENEBRIO MOLITOR 14.04-005
.47

TERMINOS LAGOON 25.04-004
.13

TERRITORIAL USE RIGHTS FAO-263

TERTIARY PERIOD 36.03-013
.14
.43

TEST, FREE FALL 38.14-246

TEST, OVERTURNING 38.14-246

TETRAODONTIDAE 25.04-004
.12

THALA DAN (R/V) ICSU-068
.20

THALASSA (R/V) NAFO-002
.1

THEORETICAL SHEDDING MODELS 39.35-447
.2

THERMAL ACCLIMATION 36.03-013
.9

THERMAL COMPENSATION DEPTH 14.04-005
.59

THERMAL FRONTS 43.02-057
.2
43.04-024
.1

THERMAL HYSTERESIS 14.04-005 .47

THERMAL STRUCTURE 02.01-490 .13

THERMAL STRUCTURE, VERTICAL 73.05-001 .1

THERMAL VARIANCE 14.04-005 .26

THERMOBARIC FIELDS 37.05-101 .2

THERMOCLINE, SUBSURFACE 37.22-014 .13

THERMODYNAMICS 14.04-005 .31

THERMOGRAPHY, SURFACE 13.24-018 .4

THERMOHALINE STRATIFICATION 15.01-083 .1
15.01-084 .4

THETIS (R/V) 35.03-044

THICK-BILLED MURRES, FALL MIGRATION AINA-049

THUNNUS MACCOYII 02.01-477

TIDAL CURRENT, M_2 13.24-018 .2

TIDAL CURRENT MODEL 02.01-485 .2

TIDAL CURRENTS 02.01-475
14.02-143 .1

TIDAL ENERGY 36.03-013 .40

TIDAL MIXING 43.04-024 .4

TIDAL MODEL 14.02-142 .1

TIDAL MOTION 02.01-490 .16

TIDAL POTENTIAL 14.04-005 .31

TIDAL PREDICTION 13.24-018 .3

TIDAL RANGE 43.04-025 .7

TIDAL STREAMS 06.17-078

TIDE GAUGE 36.03-013 .37
38.14-222

TIDE-GAUGE DATA 02.01-490 .7
12.02-012 .2

TIDES 02.01-485 .1

TIDES, SEMIDIURNAL INTERNAL 02.01-490 .13

TILEFISH STOCKS 39.35-448 .4

TIMELY MANAGEMENT 39.35-445 .14

TIME SERIES DATA ICSU-068 .22

TIME-SERIES MEASUREMENTS ICSU-068 .11

TIMOR SEA 02.01-479

TINTINNIDAE 01.06-008

TIROS-N METEOROLOGICAL SATELLITES NAFO-001 .10

TOBOLSK PETROCHEMICAL PLANT 37.22-012 .6

TOKYO BAY 24.04-033 .7

TONAN MARU (R/V) 24.09-469

TOPOGRAPHY, BOTTOM 36.03-013 .46

TOPSHORE AREAS 36.03-013 .21

TOWNSEND CROMWELL (R/V) 39.17-015

TOXICITY 37.22-012 .9

TOXICITY, ACUTE 02.01-486 .3

TOXICITY ESTIMATION 37.22-012 .11

TOXICITY, MUSSEL 02.01-486 .4

TOXICITY TESTING 02.01-486 .2

TOXICOLOGICAL TEST 37.22-012 .1 .3 .4

TRACE METALS 36.06-051

TRACHICHTHYIDAE 37.22-013 .6

TRACHURUS DECLIVIS 02.01-483

TRAPEZE NET 60.01-075 60.01-083

TRAP NET FISHING 11.03-020

TRAWL CATCHES NAFO-002 .2

TRAWLER 06.05-058 37.22-013 .13 .14

TRAWL FISHERIES 39.35-443 50.01-046

TRAWLING 12.02-012 .10

TRAWL, ISAACS-KIDD 11.03-024

TRICHIURUS HAUMELA 73.06-001 .2

TROLLING 60.01-079

TROPHIC PATTERNS 39.35-447 .11

TROPHIC RELATIONSHIP 25.04-004 .4

TROPICAL FISHERY 02.01-482

TROPICAL FISH STOCKS FAO-265

TROUT DIETS 39.35-429

TROUT, SEA 11.03-036

TROUT SMOLTS 11.03-034

TRUMPETER SWAN DISTRIBUTION AINA-050

TSUGARU STRAITS 24.07-060

TSUSHIMA CURRENT 43.04-024 .1

TUNA 24.14-025 .2

TUNA, BLUEFIN 02.01-477 02.01-478 39.35-448 .11

TUNA FISHERY 02.01-477

TUNA, SKIPJACK 02.01-491 .1

TUNICATE 43.02-058 .1

TURBIDITY 02.01-488 .1 38.14-244

TURBOT 14.04-005 .32 .41 .42

TURBULENT CASCADE 14.04-005 .26

TURBULENT DIFFUSION 14.04-005 .58

TWO-DIMENSIONAL MODEL 39.13-110

TYLOCHROMIS JENTINKI JENTINKI 44.01-032 .1 44.01-034 .3

TYPHOON 73.05-001 .3

TYPHOON SURGE 12.02-012 .4

ULSAN BAY 43.04-025 .3

ULTRAVIOLET ABSORPTION 36.05-025 .2

UNCLOS 14.04-005
.18

UNDERCURRENT 14.04-005
.7
.61

UNITED STATES COAST 39.35-448
.4

UNSTEADY TRANSPORT 43.04-024
.2

UPPER OCEAN 14.04-005
.48
ICSU-068
.16

UPWELLED WATER 30.02-102
.12

UPWELLING 02.01-485
.6
02.01-490
.5
12.02-012
.3
13.21-012
.11
.13
.14
.15
15.02-041
30.02-102
.17
36.03-013
.8
.17
.24
.46
36.05-025
.4
.5
36.06-058
37.22-013
.3
37.22-014
.11

UPWELLING, CALIFORNIA COAST 39.27-085

UPWELLING, COASTAL 37.22-013
.1

UPWELLING, EASTERN VENEZUELA 39.48-011
.2

UPWELLING SYSTEM 30.02-102
.18

UPWELLING, TRANSIENT 13.21-012
.2
.9

U.S.-PAKISTAN WORKSHOP 29.03-001

VALDIVIA (R/V) 14.03-029
.9
.10
14.05-020

VANCOUVER (R/V) 06.17-045
06.17-046
06.17-047
06.17-048
06.17-049
06.17-050
06.17-051
06.17-053
06.17-056
06.17-058
06.17-060
06.17-062
06.17-064
06.17-066
06.17-069
06.17-071
06.17-073
06.17-075
06.17-076
06.17-080

VAN DORN BOTTLE 24.22-004

VARIABILITY, LONGSHORE 13.21-012
.2

VARIOLA LOUTI 64.03-007
.2

VEGETATION, MARINE 03.01-012
.3

VELERO (R/V) 39.27-085

VELOCITY, RELATIVE 73.05-003
.2

VERTEBRA 39.35-445
.1

VERTEBRATES, MARINE 51.02-028
.2

VERTICAL MIGRATION 39.35-446
.10
.12

VERTICAL MIXING 14.04-005 .51

VERTICAL PROFILES 15.01-084 .6

VERTICAL STABILITY 15.01-084 .4

VERTICAL STRATIFICATION 39.35-447 .19

VERTICAL VELOCITIES 14.04-005 .57

VIRGINIA KEY (R/V) 39.35-427

VERRUCARIA 39.35-428

VHRR 36.06-055

VIKTOR BUGAYEV (R/V) 37.05-101 .2 .3

VITELLOGENESIS 22.03-008 .9

VOLLENWEIDER FORMULA 03.01-012 .16

VOLUME TRANSPORT, GEOSTROPHIC 13.21-012 .1

VON BERTALANFFY CURVE 43.04-024 .7

VON BERTALANFFY EQUATION 39.35-448 .7 .9

WADDEN SEA 14.02-142 .1 36.03-013 .13

WAKASA SEA 24.07-061

WALLEYE POLLOCK 24.04-033 .3 .11 39.35-448 .12

WALTHER HERWIG (R/V) 14.04-005 .19 NAFO-003 .7

WALVIS BAY 36.05-025 .9

WASTE DISPOSAL SITES IMCO-018

WASTE, RADIOACTIVE 38.14-255

WASTE UTILIZATION 39.40-103

WATER COLOR, EASTERN CANADIAN NAFO-001 .8

WATER COLOR MEASUREMENTS NAFO-001 .1

WATER COLUMN 39.36-098 .2

WATER DENSITY 38.14-245

WATER EXCHANGE 15.01-083 .2

WATER FLEAS 14.04-005 .41

WATERFOWL KILL AINA-052

WATER LEVEL 36.03-013 .12

WATER-MASS CHANGES ICSU-068 .15

WATER MASSES, SPECTRAL DIFFERENCES NAFO-001 .8

WATER MOVEMENT 02.01-486 .1

WATER PRODUCTIVITY 37.22-014 .6 .7

WATER QUALITY 24.04-033 .7 39.35-445 .6

WATER RESOURCES 39.40-103

WATER SAMPLES 30.02-102 .16

WATER TEMPERATURE 43.02-059 .2 43.04-024 .6

WATER TEMPERATURE, SPAWNING NAFO-002 .8

WATER TEMPERATURE VARIATIONS ICSU-068 .17

WAVE CLIMATE 38.14-247 38.14-249

WAVE CLIMATE, DEEP WATER 06.09-122

WAVE DIAGRAMS 33.03-002

WAVE DISTRIBUTION 37.05-101 .13

WAVE ENERGY 36.03-013 .40

WAVE HEIGHT 24.07-059 36.03-013 .1 38.14-243 38.14-247

WAVE, KELVIN 02.01-490 .5

WAVE MEASUREMENT 06.16-017 38.14-238 38.14-239 38.14-240 43.04-025 .2

WAVE PERIOD 38.14-243

WAVE RECORDERS 38.14-256

WAVERIDER BUOYS 38.14-256

WAVERIDER SYSTEMS 38.14-242

WAVES 06.09-118

WAVES, BREAKING 73.05-003 .1

WAVES, CONTINENTAL SHELF 02.01-490 .3

WAVES, EDGE 13.24-018 .1

WAVE SPECTRA 38.14-243 73.05-002 .1

WAVES, SEMIDIURNAL INTERNAL 37.05-101 .7

WAVES, SURFACE 38.14-254 43.04-024 .5

WAVES, THERMOCLINE 02.01-490 .6

WEATHER 51.02-028 .1

WEATHER CONDITIONS NAFO-003 .3

WEATHER FORECASTING ICSU-068 .28 .29

WEATHER OBSERVATIONS 37.05-101 .1

WEATHER SHIP 06.17-052 ICSU-068 .25

WEATHER STATION P ICSU-068 .11

WEATHER STATIONS ICES-187 ICSU-068 .15

WECOMA (R/V) 39.46-032

WEDDELL SEA 39.36-098 .3

WEIBULL DISTRIBUTION 38.14-240 38.14-247

WEPOLEX-81 39.36-098 .2

WESER (R/V) 14.02-138

WEST AFRICAN COAST 44.01-033 .3

WEYMOUTH BAY 38.14-220

WHALES 24.22-006

WHALES, RIGHT 39.35-447 .15

WHELKS 36.03-013 .6 .7

WHITE CROAKER 39.35-446 .1

WHITEFISH, RIVER-SPAWNING 11.03-019
.5

WHITE ROT 24.20-008
.3

WHITE SHARK PREDATION 39.35-447
.18

WHITING, PARASITIZED 39.35-445
.7

WILLIAMS FIELD, ANTARCTIC 39.36-099

WIND 02.01-488
.1

WIND DRIFT CURRENT 43.04-024
.5

WIND STRESS 14.04-005
.56
51.02-028
.1

WIND STRESS DATA ICSU-068
.18

WIND STRESS, SEA-SURFACE 06.09-114

WIND WAVES 33.03-001

WINTER SEA ICE 39.36-098
.3

WINTER TEMPERATURE 39.35-447
.6

WITCH FLOUNDER NAFO-002
.3

WORLD CLIMATE PROGRAM ICSU-068
.24
.28
.33

WORLD FISHERIES, PROSPECTS FAO-257

WORLD OCEAN ICSU-068
.29

WYVILLE-THOMSON RIDGE 38.14-230

XIPHIAS (R/V) 60.01-074

YELLOW CROAKER 43.02-057
.6

YELLOW SEA 43.02-057
.11
43.04-024
.8
73.06-001
.3

YELLOWTAIL 24.11-033

YEONG-IL BAY 43.02-058
.1
43.02-059
.9

YIELD ASSESSMENT, COD STOCK NAFO-002
.1

YOLK ABSORPTION 14.03-029
.5

Y-ORGAN 14.04-005
.8

YOSHU MARU (R/V) 24.20-008
.2

YUCATAN PENINSULA 25.04-004
.16

ZAPRORA SILENUS 24.04-033
.5

ZINC 02.01-492
.2
60.01-089

ZINC UPTAKE 14.04-005
.45

ZONATION 60.01-068

ZOOPLANKTON 01.06-009
02.01-487
.5
14.04-005
.15
.42
.49
24.04-033
.2
.9
24.06-047
.2
30.02-100
30.02-102
.15
.20
37.22-013
.5

	37.22-015
	.3
	43.04-024
	.8
	60.01-075
ZOOPLANKTON BIOMASS	30.02-102
	.28
ZOOPLANKTON, MARINE	73.05-002
	.4
ZOOPLANKTON SAMPLE	30.02-102
	.26
ZOSTERA	14.04-005
	.2

PART III

AUTHOR INDEX

AUTHOR INDEX

Abalmazova, M. 37.22-013
.14
.15

Abbott-Smith, K. 06.17-046
06.17-047
06.17-048

Able, K. 39.35-448
.4

Abramov, A. 37.22-013
.7
.10

Abramov, R. 37.05-101
.1
.3

Accino, R. 13.00-054
.4

Acerra, R. 39.35-448
.8

Ackerman, B. NAFO-002
.6

Ackley, S. 39.36-098
.3

Adams, L. 36.03-013
.1

Adelung, D. 14.04-005
.1
.8
.44

Agatova, A. 37.22-014
.4

Agramonte, N. 60.01-074
60.01-081

Aguirre Leon, A. 25.04-004
.13

Ahsanullah, M. 02.01-486
.2
.3

Aivazova, L. 37.22-012
.4
.7

Alamo, A. 30.02-102
.30

Alcock, G. 38.14.218

Alcolado, P. 60.01-068

Alfaro, A. 07.06-007
.4

Alheit, J. 30.02-101

Ali, M. 39.35-446
.16

Allen, J. 36.03-013
.2

Allen, L. 39.35-447
.7

Alvarez, I. 60.01-084
.3

Alvarez, M. 30.02-102
.6

Alvial M. , A. 07.06-006
.1

Amaoka, K. 24.23-001

Amezcua Linares, F. 25.04-004
.12
.13
.14

Amon-Kothias, J. 44.01-032
.1
44.01-034
.1
.3

Amos, A. 39.36-098
.6

Amos, C. 06.09-111

An, H. 43.04-024
.1

Anderson, D. ICSU-068
.4

Anderson, E. NAFO-002 .6

Andreeva, N. 37.22-014 .4

Andrews, J. 02.01-490 .6

Anger, K. 39.35-446 .2

Appledoorn, R. 39.35-448 .7

Areces, A. 60.01-073

Aro, E. 11.03-024 11.03-026 11.03-029 11.03-030 11.03-031 11.03-032

Aron, W. 43.02-057 .13

Arzhanova, N. 37.22-014 .1

Asmus, H. 14.04-005 .2

Asprey, K. 06.09-111

Asteasuain, R. 01.06-007

Astier, J. 13.00-054 .5

Atwood, D. 39.48-011 .6

Augustyn, C. 36.05-024

Auvinen, H. 11.03-033 11.03-034 11.03-035 11.03-036

Avaria P., S. 07.06-006 .1 07.06-007 .1 .3

Avron, M. 22.03-008 .1

Axell, M. 11.03-019 .4

Baba, N. 24.14-026 .2

Babinchak, J. 39.35-447 .17

Bachelet, G. 13.00-052 .1

Baeyens, W. 03.01-012 .13

Bagarrotti, M. 60.01-085

Bagenal, T. 14.04-005 .3

Bailey, K. 39.35-446 .14

Baines, P. 02.01-490 .12

Baker, D. ICSU-068 .18 .31

Baker, J. 21.01-038

Balbontin, F. 07.06-006 .2

Balzer, W. 14.04-005 .4 .5 .6

Baoqing, X. 73.06-001 .8

Barger, L. 39.35-448 .10

Barlow, R. 36.05-025 .3

Barria de Cao, M. 01.06-008

Barss, W. 39.35-447 .16

Bartlett, P. 36.03-013 .41

Bartoo, N. 39.35-448 .9

Bashirullah, A. 39.48-010 .7

Bates, S. 30.02-102 .5

Bath, D. 39.35-446 .15

Bauld, J. 02.01-492 .1

Beacham, T. 39.35-447 .10

Beckett, R. 02.01-486 .1

Beletsky, V. 37.22-012 .11

Bellefontaine, L. 06.09-123 06.09-124

Bello, B. 60.01-088

Below, M. 15.02-041

Ben-Amotz, A. 22.03-008 .1

Bennett, A. 02.01-490 .3

Bennett, T. 36.00-009

Berenbeim, D. NAFO-002 .8

Berman, T. 22.03-008 .2

Bernardez, C. 01.06-014

Bernstein, B. NAFO-003 .11

Bethoux, J. 13.21-012 .5

Bezanson, D. 06.09-112 06.09-115

Bias, R. 14.03-029 .1

Biggs, D. 39.36-098 .5

Bishop, G. 21.01-038

Blaxter, J. 39.35-446 .12

Bledsoe, L. 12.02-012 .9

Bliss, K. 39.31-027

Bodoy, A. 13.00-054 .5

Boehlert, G. 39.35-447 .16

Bohde, U. 14.04-005 .25

Bohm, L. 36.03-013 .3

Bohme, H. 36.05-025 .9

Boland, F. 02.01-476

Boland, W. 14.04-005 .9

Bolter, M. 14.04-005 .33 .62

Bolz, G. 39.35-445 .2

Bombalier, D. 60.01-076 60.01-084 .4

Borisenko, E. 37.22-013 .14

Borovkov, V. NAFO-003 .8

Borstad, G. NAFO-001 .9

Bosma, S. 36.03-013 .33

Bossuyt, E. 03.01-012 .12

Botang, W. 73.05-002 .2

Botsford, L. 39.35-447 .8

Bottger, R. 14.03-029 .7

Boubacar, L. 75-01-009

Boudouresque, C. 03.01-012 .11

Bowering, W. NAFO-002 .3

Bowers, M. 39.35-446 .5

Boyce, R. 06.09-117

Boyd, A. 36.05-025 .1

Boyd, C. 30.02-102 .9 .15 .18

Branch, G. 36.03-013 .4 .5

Branch, M. 36.03-013 .5

Brandt, S. 02.01-485 .5

Brennan, J. NAFO-002 .11

Bretschneider, D. 39.35-434

Brewer, P. 39.21-209

Brill, R. 39.35-448 .8

Brisset, P. 03.01-012 .12

Brockmann, C. 14.04-005 .7

Brodeur, R. 39.35-447 .12

Brook, F. 27.04-001 .1

Brooks, I. 39.48-011 .6

Brown, A. 36.03-013 .6 .7

Brown, I. 14.04-005 .33

Brown, P. 36.05-025 .4 .5

Brown, R. 30.02-102 .4 NAFO-001 .9

Broyard, R. 13.21-012 .10

Bruce, J. 13.21-012 .1

Brundage, H. 39.35-445 .12

Brundrit, G. 36.03-013 .8 .10

Bryden, H. ICSU-068 .1

Buch, E. NAFO-003 .5

Buchholz, C. 14.04-005 .8

Buchholz, F. 14.04-005 .1

Buffenstein, R. 36.03-013 .22

Bunkley, L. 39.48-011 .4

Burgess, L. 39.35-447 .3

Burke, W. FAO-261

Busarawich, S. 51.02-028 .2

Buxton, C. 36.03-013 .9

Bycroft, B. 02.01-487 .1

Byshev, V. 37.05-101 .4 .12

Caddy, J. FAO-259 FAO-260

Calderon, A. 25.04-004 .19

Calienes, R. 30.02-102
.17
.19

Camacho, A. 60.01-084
.2
.3

Camden-Smith, F. 36.03-013
.10

Campos, A. 60.01-075

Canales, G. 30.02-102
.33

Caracciolo, J. 39.35-439

Carey, A. 39.35-446
.11

Carleton, J. 02.01-487
.5

Carrasco, S. 30.02-100
30.02-102
.28

Carscadden, J. NAFO-002
.9

Carter, D. 38.14-240
38.14-243

Carter, R. 36.06-059
36.00-010
36.00-011

Carvacho, A. 25.04-004
.15

Casan, G. 60.01-081

Caso, M. 25.04-005

Caspers, H. 14.03-029
.2
.3
.4

Castanares, L. 25.04-004
.16

Castellanos Trujillo, L. 25.04-004
.3

Caveriviere, A. 44.01-033
.1
.3

Chabert d'Hieres, G. 13.24-018
.2

Chae, J. 43.04-025
.2

Chahsavar-Archad, V. 13.00-053
.3
13.00-054
.2

Challenor, P. 38.14-247

Chamberlin, J. NAFO-001
.2

Chambers, L. 02.01-492
.1

Champagne-Philippe 13.24-018
.4

Chang, D. 43.02-058
.1

Chang, J. 43.02-059
.9
.10

Chang, S. 43.04-025
.6

Chantraine, J. 44.01-032
.2

Chapman, P. 36.05-025
.2

Charles-Dominique, E. 44.01-033
.4

Charlton, N. FAO-258

Charmantier, G. 13.00-051
.1

Chegwidden, A. 02.01-488
.2

Chekhova, V. NAFO-002
.2

Chekunova, V. 37.22-015
.6

Chelton, D. ICSU-068
.10

Chen, C. 12.02-012
.6

Cheng, T. 12.02-012 .1

Chensong, L. 73.05-002 .4

Cheong, S. 43.02-058 .1
43.02-059 .9

Chern, C. 12.02-012 .2

Cherry, R. 36.03-013 .11

Chester, A. 39.35-447 .6

Chestnoy, V. 37.22-013 .12

Chiang, Y. 12.02-012 .6

Chittenden, M. 39.35-446 .7 .9

Chiu, T. 12.02-012 .7 .8

Cho, G. 43.02-057 .8

Cho, K. 43.04-024 .3

Cho, Y. 43.02-059 .10

Choi, I. 43.04-024 .5

Choi, S. 43.02-059 .5

Chou, B. 12.02-012 .1

Christy, F. FAO-263

Chuang, A. 12.02-012 .1

Chun, S. 43.02-058 .1

Chung, J. 43.04-024 .1

Chung, K. 43.02-058 .2

Chupu, L. 73.05-002 .3

Church, J. 02.01-485 .2
02.01-490 .1 .2

Claeys, D. 03.01-012 .17

Clarke, D. 39.36-098 .3

Clarke, T. 02.01-480
39.35-445 .8

Claro, R. 60.01-077
60.01-094

Claus, C. 03.01-012 .1 .2

Clifford, D. 39.35-440
39.35-447 .4

Cobb, J. 39.35-448 .5

Colby, D. 39.35-446 .12

Colin, P. 39.35-447 .13

Collins, D. 38.14-219
38.14-220
38.14-251

Collinson, R. 21.01-038

Conally, D. 39.35-447 .19

Connell, D. 02.01-487 .1
02.01-489 .4

Contreras, G. 30.02-102 .24

Copello, M. 13.00-052 .2

Coppejans, E. 03.01-012
.3
.11

Cosson, J. 13.00-051
.2

Coton, P. 44.01-033
.2

Cottarelli, V. 13.00-051
.5

Cowles, T. 30.02-102
.18

Crabb, J. 38.14-256

Craig, P. 02.01-490
.15

Creaser, E. 39.35-440
39.35-447
.4

Crepon, M. 13.21-012
.2
.9

Cresswell, G. 02.01-481
02.01-485
.5
02.01-490
.8
13.21-012
.3
ICSU-068
.22

Cristiani, G. 13.00-054
.5

Cross, R. NAFO-001
.3

Cruickshank, R. 36.05-025
.10

Cullen, J. 02.01-491
.3

Cury, P. 50.01-046

Dagnino, I. 23.00-002

Dai, C. 12.02-012
.5

Dall, W. 02.01-485
.3

Damera, M. 60.01-084
.5

Daniels, R. 39.35-446
.13

Darcy, G. 39.35-430
39.35-431

Davidson, L. 06.09-119

Davies, A. 38.14-254

Davis, T. 02.01-486
.5

Dawirs, R. 39.35-446
.2

Dawson, R. 14.04-005
.33

Day, J. 36.03-013
.12
.13

Dean, J. 39.35-445
.3

Debao, L. 73.06-001
.7

De Benites, G. 30.02-102
.29
.31

de Canelo, S. 01.06-009

de Castillo, O. 30.02-100
30.02-102
.27

Decraemer, W. 03.01-012
.4

Defang, L. 73.06-001
.7

de Guerrero, M. 01.06-009

Dehairs, F. 03.01-012
.13

de Izquierdo, M. 01.06-009

de Jong, C. 06.17-048
06.17-049

de Lourdes Mendez Vargas, M. 25.04-004
.11

de Mendiola, B. 30.02-102
.10
.11

de Mestre, M. 01.06-012

Demin, Yu. 37.05-101
.5
37.22-011
.3

de Oliviera Pires, H. 33.03-001

de Pauw, N. 03.01-012
.5

Derenbach, J. 14.04-005
.9
.10
.11

De Ruyck, L. 03.01-012
.12

de Schmidt, A. 01.06-007

Deshan, Z. 73.06-001
.3

de Vasconcelos Pessanha, L. 33.03-001

Deveau, T. 06.09-112

De Villiers, A. 36.03-013
.27

Devos, L. 13.00-052
.2

DeVries, D. 39.35-446
.7

Diaz-Piferrer, M. 39.48-011
.2

Diaz Ruiz, S. 25.04-004
.14

Dickie, L. 30.02-102
.8

Dingle, R. 36.03-013
.10
.14
.43

Dixon, P. 02.01-487
.5

Dobson, D. 06.09-116

Doi, T. 43.02-057
.5

Donguy, J. ICSU-068
.7

Draper, L. 38.14-238
38.14-239
38.14-240

Driver, J. 38.14-256

Duckett, C. 39.48-011
.6

Dufour, R. 44.01-032
.3

Dunbar, M. NAFO-003
.1

Dunbrack, J. 30.02-102
.13

Dunn, J. 39.35-432
39.35-448
.3

Durbin, A. 39.35-448
.13

Durbin, E. 39.35-448
.13

Duwe, K. 14.02-142
.1

Dyemin, Yu. 37.22-014
.6
.7

Dymnikov, V. ICSU-068
.3

Dymova, R. 37.05-101
.1

Eagle, G. 36.03-013
.41
36.06-051
36.06-056

Easton, A. 02.01-486
.1

Eber, L. 39.31-027

Eberhard, P. 07.03-022
.2

Echandi, L. 60.01-093

Edel, H. NAFO-001
.12

Edwards, R. 02.01-486
.2
02.01-490
.12
ICSU-068
.20

Ehrhardt, M. 14.04-005
.11
.12

Eisawy, A. 64.03-007
.8
.9

Elbrachter, M. 14.04-005
.45

El-Domiaty, N. 64.03-007
.6
.7

Eldridge, M. 39.35-446
.5

El-Hehyawi, M. 64.03-007
.4
.5

Elizarov, A. 37.22-011
.3
37.22-014
.6
.7

Ellett, D. ICSU-068
ICSU-068
.14
.15

Elliott, N. 02.01-486
.4

Ellyett, C. 02.01-490
.8

El-Tabbakh, T. 64.03-007
.4

Emery, W. ICSU-068
.20

Ercoli, L. 01.06-013

Ercoli, R. 01.06-013

Etcheverry D., H. 07.06-006
.3

Fable, W. 39.35-448
.10

Fabris, G. 02.01-488
.3

Fahrbach, E. 14.04-005
.7

Fahy, E. 21.01-034
21.01-035

Fan, K. 12.02-012
.3

Fandry, C. 02.01-490
.10
.11
.12

Faubel, A. 14.04-005
.36

Fenander, C. 39.46-032

Fennel, W. 15.01-083
.6

Ferguson, J. 02.01-492
.2

Fernandez, E. 01.06-014

Fernandez, H. 25.04-004
.19

Fernandez de Castillejo, F. 34.01-104
.1

Ferrante, A. 01.06-013

Field, J. 36.03-013
.9
.31
.44
36.00-011

Fieux, M. 13.21-012
.1
.3
.4

Firing, E. 39.46-032

Flather, R. 38.14-252

Flemming, B. 36.06-052

Flores-Coto, C. 25.04-004
.10
.11

Flores Ramírez, J. 25.04-004
.4

Fogarty, M. 39.35-448
.5

Folster, E. 14.04-005
.9

Forbes, A. 02.01-475
02.01-485
.2
02.01-490
.1
.2

Fornerino, M. 13.24-018
.2

Fouda, A. 64.03-007
.2
.3

Francke, E. 15.01-083
.2
15.01-084
.2
.5
15.02-040

Franquiz, A. 60.01-088

Freije, R. 01.06-007
01.06-011

Freytag, G. 14.04-005
.13
.14

Fricke, A. 36.03-013
.3
.41
36.06-056

Frost, K. 39.35-437

Frouin, R. 13.24-018
.4

Fuego, A. 60.01-088

Fuentes Yaco, C. 25.04-004
.6

Fuguo, L. 73.06-001
.3

Fukase, S. 24.04-033
.6

Fukuhara, O. 24.20-008
.4

Fukuoka, J. 24.04-033
.6
.7
.10

Fuxin, L. 73.06-001
.5

Galfon, D. 01.06-014

Gallardo, V. 07.03-022
.1

Gallegos, C. 30.02-102
.14

Gallo Reynoso, J. 25.04-004
.4

Gammelsrod, T. ICSU-068
.16

Garcia, J. 60.01-080

Garcia, R. 60.01-069

Garreton, M. 07.06-006
.2

Gascard, J. 13.21-012
.5

Geffen, G. 22.03-008
.3

Gelos, R. 01.06-015

Geohegan, P. 39.35-446
.9

Gereck, M. 14.04-005
.10

Gerlotto, F. 44.01-033
.1

Ghobashy, A. 64.03-007
.11
.12
.13

Gienapp, H. 14.02-139
.2
14.02-140
.1

14.02-142
.2

Gimenez, O. 01.06-012

Gledhill, W. 36.06-056

Glover, J. 02.01-486
.6

Goeller, J. 01.06-010

Goeyens, L. 03.01-012
.13

Goldberg, S. 39.35-447
.21

Golding, T. 02.01-485
.1

Goldmintz, D. 39.35-447
.17

Gomez, O. 30.02-102
.10
.16
60.01-090

Gonella, J. 13.21-012
.1
.3
.4
.5

Gong, Y. 43.02-057
.2

Gonzalez, P. 60.01-071

Gonzalez, W. 25.04-004
.7

Gonzalez Gonzalez, L. 25.04-004
.5

Gonzalez Gurriarian, E. 34.01-104
.4
.6

Gonzalo, J. 34.01-105

Goosen, P. 36.05-024

Gordin, H. 22.03-008
.9

Gordon, A. 39.02-102
39.36-098
.1
.2

Gore, R. 39.35-446
.8

Gorelov, P. 37.22-013
.13

Gorgollon, P. 07.06-007
.4

Gosliner, T. 36.03-013
.15

Gould, W. ICSU-068
.32

Gower, J. NAFO-001
.1
.7
.9

Grasshoff, K. 14.04-005
.16

Greengrove, C. 39.02-102

Greenwood, P. 36.03-013
.41
36.06-056
36.00-009

Greig, M. 02.01-474
02.01-481

Griffiths, C. 36.03-013
.2
.16
.17
.18
.20
36.00-011

Griffiths, D. 02.01-492
.6

Griffiths, R. 36.03-013
.15
.19
.21
.22

Grimes, C. 39.35-448
.4

Grindley, J. 36.03-013
.12
.13
.23
.24
.25
.26
.27

Grozdov, A. 37.22-012
.3
.4
.9

Grundlingh, M. 36.06-050

Guerrero, R. 39.02-102

Guevel, D. 13.24-018
.4

Guillen, O. 30.02-102
.17
.19

Guitart, D. 60.01-079

Guoxiang, Z. 73.06-001
.3

Gurina, A. 37.05-101
.5
37.22-014
.6
.7

Gutierrez, E. 60.01-083

Guzman-Arroyo, M. 25.04-004
.5

Haar, R. 39.35-448
.12

Hagen, E. 15.02-041

Hahn, S. 43.02-057
.1

Haine, R. 38.14-256

Haines, W. 39.02-103

Hallberg, E. 14.04-005
.15

Hallegraeff, G. 02.01-485
.6

Hamanaka, T. 24.04-033
.2
.9

Hammond, F. 38.14-241

Han, H. 43.02-059
.2

Hanan, D. 39.35-448
.11

Hanaoka, F. 24.20-008
.2

Hansen, H. 14.04-005
.16

Hansen, J. 02.01-485
.7

Hansen, W. 06.17-045
06.17-046

Harris, J. 02.01-488
.3

Harrison, G. 30.02-102
.2

Harrison, W. 30.02-102
.14

Hart, B. 02.01-486
.1

Haryu, T. 24.04-033
.5

Hasse, L. 14.04-005
.17

Hausfeld, H. 02.01-483

Hayes, R. NAFO-001
.10

Haynes, E. 39.35-438
39.35-445
.9

Healey, D. 06.17-045

Hearn, W. 02.01-492
.7

Heath, R. 14.02-142
.3

Heinle, D. 39.35-446
.16

Heip, C. 03.01-012
.8
.14

Held, D. 39.39-008

Helm, R. 15.01-084
.1

Hem, S. 44.01-033
.4

Hempel, G. 14.04-005
.18

Hempel, I. 14.04-005
.19

Henin, C. ICSU-068
.7

Hennig, H. 36.03-013
.41
36.06-056

Henry, J. 36.05-025
.3

Herman, A. 30.02-102
.25
.26

Hernandez, A. 60.01-070

Heron, A. 02.01-485
.6

Hettler, W. 39.35-447
.6

Hewer, R. 14.02-142
.1

Hewitson, J. 36.05-025
.9

Heyraud, M. 36.03-013
.11

Hilden, M. 11.03-021
.2

Hill, B. 02.10-002

Hilmy, A. 64.03-007
.6
.7

Hirche, H. 14.04-005
.15
.20

Hiscock, K. 21.01-038

Hiscock, S. 21.01-038

Hocker, P. 35.03-013
.28

Hodgson, A. 36.03-013
.29
.30

Hogan, M. 39.35-440

Hogue, E. 39.35-446
.11

Holloway, P. 02.01-490
.16

Holm, A. ICSU-068
.16

Holt, B. 39.39-008

Hong, G. 43.02-057
.8

Hong, J. 43.04-025
.3
.4

Horstmann, U. 14.04-005
.21
.22

Hoss, D. 39.35-446
.12

Hua, B. 13.21-012
.2

Huber, B. 39.02-102
39.36-098
.2

Hubold, G. 14.04-005
.23
.24

Hudd, R. 11.03-019
.3
11.03-021
.2
11.03-024

Hue, J. 43.02-059
.8

Huggett, W. 06.17-078

Huichong, W. 73.06-001
.1

Humphrey, J. 38.14-242
38.14-248

Huneycutt, B. 39.39-008

Hung, T. 12.02-012
.1

Hunt, J. NAFO-002
.5

Hunter, I. 36.06-057
36.06-058

Husby, D. 39.35-436

Hutchings, P. 02.01-489
.2

Huyer, A. 14.04-005
.7

Hydes, D. 38.14-253

Ibarra O., S. 13.00-051
.3

Ibarzabal, D. 60.01-082
60.01-090

Ichiye, T. 39.36-098
.4

Ida, H. 24.23-001

Iglesias, M. 34.01-104
.2

Ikeda, T. 02.01-487
.5

Ikonen, E. 11.03-019
.5
11.03-033
11.03-034
11.03-035
11.03-036
11.03-038

Ingham, M. NAFO-003
.3

Irbe, J. NAFO-001
.3

Irie, T. 24.06-047
.2

Ishii, K. 24.04-033
.4

Iturriaga, R. 01.06-011

Ivanov, Yu. 37.05-101
.6

Jackson, C. 06.17-046
06.17-047
06.17-048

Jacobs, S. 39.02-103

Jantarapagdee, P. 51.02-028
.1

Jarman, N. 36.00-010

Jeffrey, S. 02.01-485
.6

Jensen, P. 03.01-012
.4

Jiaju, Y. 73.05-003
.6

Jiajun, X. 73.05-001
.3

Jihong, Z. 73.05-002
.5

Jimenez, C. 60.01-082

Jinghan, Z. 73.05-003
.1

Jingqi, L. 73.06-001
.2

Jo, Y. 43.02-059
.9

John, H. 14.04-005
.25

Johnson, A. 39.35-448
.10

Joll, L. 02.01-492
.5
39.35-446
.6

Jones, I. 02.01-490
.13

Jordan, E. 25.04-004
.17

Joyce, T. 14.04-005
.26
.27

Juarez, M. 60.01-079

Junchang, C. 73.05-001
.2
73.05-002
.1

Jutila, E. 11.03-037

Kaiser, W. 15.02-039

Kaji, I. 24.04-033
.6
.7

Kaminski, E. 14.04-005
.28

Kang, H. 43.02-059
.9

Kang, J. 43.02-057
.12

Kang, P. 43.02-059
.6

Kang, Y. 43.02-057
.12
43.04-024
.2

Kapralova, V. 37.05-101
.2
.4

Karam, A. 64.03-007
.1

Kase, R. 14.04-005
.27

Katsaros, K. 06.09-113

Katz, S. 39.35-448
.4

Kawahara, S. NAFO-002
.10

Kawecka-Edrukajtis, B. 32.03-046

Kay, D. 02.01-486
.2

Kaylor, J. 39.35-442

Kebe, M. 50.01-045

Keeley, J. 06.16-017
NAFO-003
.9

Kell, V. 15.02-039

Kelley, S. 39.35-445
.1

Keyes, R. 39.35-447
.9

Keys, R. 39.35-447
.18

Khomutov, A. 37.22-014
.6
.7

Khromov, N. 37.22-013
.4
37.22-015
.4

Khvatskij, N. 37.22-014
.8

Kielmann, J. 14.04-005
.29

Kikawa, S. 24.14-025
.2

Killworth, P. ICSU-068
.5

Kim, B. 43.02-057
.8
43.02-059
.1
.2
.7
.8
43.04-024
.6

Kim, H. 43.04-024
.3

Kim, J. 43.02-059
.4

Kim, K. 43.04-024
.4

Kim, S. 43.02-057
.8

Kim, Y. 43.02-059
.3
.6
.8

Kimor, B. 22.03-008
.4

Kingsbury, R. 21.01-038

Kirichek, A. ICSU-068
.25

Kishida, T. 24.20-008
.1

Kissil, G. 22.03-008
.5
.7

Kitakata, M. 24.06-047
.1
.3

Kitano, K. NAFO-001
.5

Knap, A. ICSU-068
.12

Knight, M. 39.35-445
.4

Knoppers, B. 14.04-005
.51

Knysh, V. ICSU-068
.26

Kohnke, D. ICSU-068
.24

Komine, J. 24.04-033
.7

Konan, J. 44.01-033
.1

Konishi, Y. 24.20-008
.5

Konstantinov, K. NAFO-002
.2

Koo, J. 43.02-059
.8

Kool, L. 37.05-101
.1

Koop, K. 36.03-013
.31

Koske, P. 14.04-005
.42

Kotlyar, A. 37.22-013
.6

Kotov, A. 37.22-012
.10

Koukouras, A. 13.00-052
.3

Kowalik, Z. 14.04-005
.29

Koyama, K. 24.22-005

Krasnopevtsev, A. 37.05-101
.10

Krauss, W. 14.04-005
.30
.31

Kreminskij, V. 37.22-013
.14

Kremser, U. 15.01-083
.7

Kropach, C. 22.03-008
.6

Kruger, I. 36.05-025
.10

Kubodera, T. 24.04-033
.1

Kuhlmann, D. 14.04-005
.32

Kuhlman, U. 14.04-005
.42

Kulbicki, M. 44.01-033
.1

Kuramoto, S. 24.22-005

Kurbatkin, G. ICSU-068
.3

Kushnir, V. 37.05-101
.11

Kuznar, J. 07.06-007
.4

Kyushin, K. 24.04-033
.14
24.23-001

Lacombe, H. 13.21-012
.5

Lafargue, F. 13.00-052
.2

Lahmann, E. 25.04-004
.7

Lamberson, P. 39.35-447
.16

Lamy, A. 13.21-012
.6

Lane, P. 30.02-102
.15

Langton, R. 39.35-447
.5
39.35-448
.2

Lanin, V. 37.22-014
.9

Laroche, J. 39.35-447
.11

Lass, H. 15.01-083
.2
.6
15.01-084
.6

Latif, A. 64.03-007
.2
.3

Laura, P. 01.06-010

Lavin, A. 34.01-104
.1

Lawrence, D. 06.09-119
NAFO-001
.11

Lazo, F. 30.02-102
.24

Learson, R. 39.35-442

Le Boeuf, B. 39.35-447
.18

Lee, J. 43.04-025
.3
.5
43.02-059
.9

Lee, K. 43.02-058
.2

Lee, S. 43.02-057
.4
.11
43.04-024
.4

Lee, T. 43.04-024
.7

Lees, B. 14.02-143
.1
38.14-249

Lefevre, J. 13.00-054
.5

Legeckis, R. 02.01-490
.8

Leger, P. 03.01-012
.15

Lehtonen, H. 11.03-021
.2

Lemasson, L. 44.01-032
.3
44.01-034
.2

Lemberg, N. 39.35-445
.14

Lenanton, R. 02.01-488
.4
.5

Lenz, J. 14.04-005
.42

Levell, D. 21.01-038

Li, C. 73.05-002
.2

Li, H. 12.02-012
.4

Liangmin, H. 73.05-003
.5

Libby, D. 39.35-447
.20

Liebezeit, G. 14.04-005
.33

Lim, K. 43.02-058
.2

Linley, E. 36.03-013
.32
.33
36.00-011

Linn, M. 39.27-085

Liu, H. 12.02-012
.7
.10

Liyan, Z. 73.06-001
.8

Lluis-Riera, M. 60.01-092

Loneragan, N. 02.01-488
.4

Lopez-Baluja, L. 60.01-073
60.01-074
60.01-081
60.01-086

Lopez G., L. 07.06-006
.3

Lopez-Jamar, E. 34.01-104
.5

Lough, R. 39.35-445
.2

Lovitt, A. 21.01-036

Low, L. 12.02-012
.9

Lowry, L. 39.35-437

Lubbock, R. 39.48-010
.2

Lucas, M. 36.03-013
.34
.39
.45

Lutjeharms, J. 36.06-053
36.06-054
36.06-055

Luyo, G. 30.02-102
.28

Luyo R., G. 30.02-100

Lynn, R. 39.31-027

Macias Regalado, E. 25.04-004
.19

Mackas, D. 30.02-102
.9

MacNeill, M. 06.17-079

Macvean, M. 14.04-005
.34

Macy, W. 39.35-446
.4

Madruga, R. 60.01-067

Maeckelberghe, H. 03.01-012
.2

Maita, Y. 24.04-033
.12

Majkowski, J. 02.01-477
02.01-478

Makarov, R. 37.22-015
.2

Mallard Colmenero, L. 25.04-004
.12

Mallea, A. 60.01-085
60.01-089

Manier, J. 13.00-051
.1

Mann, K. NAFO-003
.11

Mann, R. 39.35-445
.10

Mantilla, L. 60.01-088

Marais, J. 22.03-008
.7

Marasco, R. 43.02-057
.13

Mari, A. NAFO-002
.4

Marino, J. 34.01-104
.8

Marles, E. 06.17-048
06.17-049

Marschoff, E. 14.04-005
.19

Martens, E. 03.01-012
.6

Martin, A. 36.03-013
.35

Martin, E. 25.04-004
.18

Mason, C. 06.09-118

Massol, R. 01.06-011

Matallanas, J. 13.00-054
.1

Matilda, C. 02.10-003

Matsumoto, K. 24.22-004

Matthaus, W. 15.01-083
.1
.2
15.01-084
.3
.4

Maurin, C. 43.02-057
.9

Mazmanidi, N. 37.22-012
.10

McKelvie, I. 02.01-486
.1

McLain, D. 39.35-434

McQuaid, C. 36.03-013
.36

Meadows, R. 39.35-445
.12

Meguro, T. 24.04-033
.4

Meier-Reil, L. 14.04-005
.36

Meincke, J. 14.04-005
.35
.55
ICSU-068
.14

Meinesz, A. 13.00-054
.5

Melville-Smith, R. 36.05-025
.6

Mendez G., M. 30.02-099

Meredith, F. 36.03-013
.7

Merino, A. 25.04-004
.17

Merino, M. 60.01-072

Merle, J. 13.21-012
.7
.8

Merry, C. 36.03-013
.37

Mestre, F. 01.06-012

Metais, O. 13.21-012
.10

Metcalf, W. 39.21-210
39.21-211

Methot, R. 39.35-447
.8

Michelsen, N. 15.02-041

Mikhailin, S. 37.22-013
.11

Milera, J. 60.01-079

Miller, J. 39.46-032

Miller, R. 39.35-445
.7

Millikin, M. 39.35-447
.1

Millot, C. 13.21-012
.6
.9
.10
.11
.12
.13
.14

Minchin, D. 21.01-033

Mine, M. 24.22-004

Minet NAFO-002
.1

Minkley, B. 06.17-047
06.17-048

Miranda B., O. 07.06-007
.2

Mitchell, A. 02.01-487
.5

Miyake, H. 24.04-033
.4
.13

Miyake, M. 06.17-055

Moles, A. 39.35-433

Molinari, R. 39.35-427
39.48-011
.6

Molines, J. 13.21-012
.6

Moller, H. 14.04-005
.38
.39
.40

Mommaerts, J. 03.01-012
.16

Monette, M. 06.05-059

Moore, R. 02.01-487
.2
.3
.4

Mopper, K. 14.04-005
.37

Moraitou-Apostolopoulou, M. 13.00-051
.6

Mordasova, N. 37.22-011
.1
37.22-014
.2
.10

Moreno, A. 60.01-069
60.01-072
60.01-076
60.01-080

Moreno, O. 25.04-004
.17

Morgan, G. 39.35-446
.6

Morita, S. 24.06-047
.4

Morozov, E. 37.05-101
.6
.7

Morton, H. 02.01-487
.1

Mosby, H. 28.02-021

Mountain, D. NAFO-003
.10

Movchan, O. 37.22-015
.1

Muller, D. 14.04-005
.9

Mulligan, T. NAFO-001
.9

Munoz, E. 60.01-087

Munoz-Chapuli, R. 13.00-054
.4

Munoz S., P. 07.06-007
.1
.3

Munro, I. 02.01-489
.3

Munro, P. 06.17-048

Mura, G. 13.00-051
.5

Murray, A. 02.01-489
.2

Murray, J. 39.13-109
NAFO-001
.10

Murthy, A. 19.04-003
19.04-004

Nagasaka, K. ICSU-068
.6

Naito, Y. 24.22-006

Nakaya, K. 24.23-001

Naletova, I. 37.22-014
.3

Nam, K. 43.04-025
.1
.9

Nateewathana, A. 51.02-028
.2

Naumov, A. 37.22-015
.6

Navarro, J. 39.48-011
.1

Navea A., E. 07.06-007
.2

Negilski, D. 02.01-486
.2

Negpen, C. 36.05-025
.8

Nehring, D. 15.01-083
.3
.4
.5
15.02-040

Nelepo, B. ICSU-068
.26

Nellen, W. 14.04-005
.3
.25
.41
.42

Nelson, C. 39.35-436

Neu, H. 06.09-110
06.09-120
06.09-122

Neubert, H. 14.04-005
.51

Neuhoff, H. 14.04-005
.2

Newell, R. 36.03-013
.9
.32
.33
.34
.38
.39
.45

Newhouse, D. 30.02-102
.11

Nielsen, D. 39.35-444

Nikitin, S. 37.05-101
.6

Nishikawa, Y. 24.14-025
.1

Nishiyama, T. 24.04-033
.5

Niskanen, P. 11.03-021
.1

Nitani, H. ICSU-068
.6

Novitski, A. 37.05-101
.8
.9
.13

Novosadova, T. 37.22-012
.6

Nowlin, W. ICSU-068
.18
.30

Nunes, M. 34.01-104
.2

Nurick, G. 36.03-013
.40

Ochoa, N. 30.02-102
.16

O'Connor, J. 39.35-446
.15

Ohsumi, S. 24.22-006

Ohuchi, A. 24.04-033
.6
.7

Okazaki, T. 24.14-025
.3

Okera, W. 02.01-479

Okutani, T. 24.04-033
.1

Omori, M. 39.35-445
.4

Onofri, I. 42.01-091

Onofri, V. 42.01-091

Orren, M. 36.03-013
.41
36.06-056

Ortea, J. 13.00-051
.4

Osterroht, C. 14.04-005
.12
.43

O'Sullivan, A. 21.01-038

O'Sullivan, D. 02.01-491
.3

Otaki, H. 43.02-057
.6

Owen, R. 30.02-102
.32

Pacanowski, R. 14.04-005
.56

Packwood, A. 38.14-246

Padman, L. 02.01-490
.13

Pages, J. 44.01-034
.2

Pages, L. 44.01-032
.3

Palmer, J. NAFO-002
.11

Palomino Hasbach, G. 25.04-004
.6

Panayotou, T. FAO-264

Park, C. 43.02-059
.5
43.04-024
.8

Park, J. 43.02-057
.3
.4
.8
43.04-025
.8

Park, K. 43.02-058
.2

Parker, K. 39.35-448
.9

Parmanne, R. 11.03-019
.1
.2
11.03-021
.1
11.03-023
11.03-025
11.03-027
11.03-028

Parsons, G. 39.35-448
.6

Partridge, J. 21.01-036

Patin, S. 37.22-012
.1
.5

Pauly, D. FAO-265

Pavlova, Yu. 37.05-101
.5

Pearce, A. 02.01-476
02.01-490
.8
.9
36.06-050

Pearcy, W. 39.35-447
.12

Peihui, K. 73.05-003
.3

Penas, E. 34.01-104
.6

Pennington, M. 39.35-445
.2

Pereladov, M. 37.22-012
.4
.5
.9

Perez, A. 34.01-104
.7
.8

Perrins, L. 36.03-013
.10
36.06-058

Persoone, G. 03.01-012
.2

Petersen, J. 14.04-005
.16

Peterson, W. 39.35-447
.12

Petrick, G. 14.04-005 .12

Petrie, B. 06.09-116 06.09-121

Philander, S. 13.21-012 .4 14.04-005 .56

Phillips, B. 02.01-485 .4 02.01-492 .5 39.35-446 .6

Phillips, D. 02.01-488 .1 NAFO-003 .2

Pickard, G. 02.01-490 .5

Pillsbury, R. ICSU-068 .18

Ping, F. 73.05-002 .5

Pitt, R. 22.03-008 .8

Pitt, T. NAFO-002 .3

Platt, T. 30.02-102 .2 .14

Platz, B. 39.13-109

Pobegajlo, P. 37.22-012 .6

Pocklington, R. 30.02-102 .1

Poddubnyi, S. 37.22-013 .1

Pollard, R. 38.14-219 38.14-251

Pollehne, F. 14.04-005 .51

Pollock, D. 36.05-024 36.05-025 .7

Polovina, J. 39.35-446 .3

Ponat, A. 14.04-005 .44

Popkov, V. 37.22-011 .5

Popowski, G. 60.01-074

Popper, D. 22.03-008 .8

Pos, J. 36.03-013 .1

Post, E. 03.01-012 .13

Postel, L. 15.02-041

Potekhina, E. 37.05-101 .12

Potter, I. 02.01-488 .4

Potthoff, T. 39.35-445 .1

Powell, D. 02.01-486 .6

Praagman, N. 14.02-139 .1

Pravdo, S. 39.39-008

Precious, M. 21.01-038

Pregenzer, C. 02.01-492 .3

Prince, J. 02.01-488 .4

Pritchard, J. 06.09-124

Proctor, R. 38.14-252

Pshenichnyi, B. 37.22-013 .7

Pucci, A. 01.06-007

Pupyshev, V. 37.22-013 .7 .8 .9

Qingchao, C. 73.05-002 .4

Qingxi, H. 73.05-002 .5

Qizeng, J. 73.05-001 .5

Qizhou, H. 73.05-003 .2 .7

Quantz, G. 14.04-005 .32 .42

Quinones, N. 60.01-084 .1

Rabsch, U. 14.04-005 .45

Radtke, R. 39.35-445 .3

Rainer, S. 02.01-489 .3

Ralston, S. 39.35-446 .3

Rao, M. 19.04-004

Razouls, C. 13.00-053 .3 13.00-054 .2

Razouls, S. 13.00-053 .2

Rees, E. 21.01-037

Reichel, U. 15.01-084 .5

Reiniger, B. 06.09-124

Renguang, W. 73.05-003 .4

Renk, H. 15.02-039

Rennie, S. 39.02-102

Renouard, D. 13.21-012 .2

Reshetnikov, Y. 60.01-094

Reynolds, L. 02.01-487 .3 .4

Rho, H. 43.02-058 .2

Richards, G. 39.35-447 .17

Richards, R. 39.35-448 .5

Richardson, B. 02.01-488 .6 .7 .8 02.01-491 .1

Richez, C. 13.21-012 .2

Richkus, W. 39.35-446 .16

Richman, J. 30.02-102 .3

Riedman, M. 39.35-447 .18

Rios, R. 25.04-004 .15

Ritz, D. 02.01-486 .4

Rivalta, V. 60.01-084 .2

Robertson, A. 02.01-485 .7

Robertson, D. 39.48-010 .4

Robinson, M. FAO-257

Rodriguez, H. 25.04-004 .9

Rogers, P. 02.01-489 .1

Roginson, G. 39.35-447 .22

Rojas-Galaviz, J. 25.04-004 .5

Roman, G. 34.01-104
.7
.8

Romero, Jarero, J. 25.04-004
.9

Ros, R. 60.01-084
.1

Rosenberg, A. 39.35-445
.2
.5

Ross, C. 06.09-125
NAFO-001
.11

Rossby, T. ICSU-068
.13

Rothlisberg, P. 39.35-446
.10

Roumillat, W. 39.35-447
.14

Rybnikov, A. ICSU-068
.17

Ryu, H. 43.02-057
.7

Said, M. 64.03-007
.6
.7

Sainsbury, K. 02.01-482

Saint-Guily, B. 13.21-012
.15
13.24-018
.1

Salabarria, D. 60.01-083

Salah, M. 64.03-007
.10

Salmi, J. 11.03-038

Sameoto, D. 30.02-102
.20
.21
.26

Samodurov, A. 37.05-101
.6
.7

Sampson, D. 39.35-440

Sandland, R. 02.01-492
.5

Santander, H. 30.02-100
30.02-101
30.02-102
.9
.22
.27
.28

Sapozhnikov, V. 37.22-014
.11

Sarkisyan, A. ICSU-068
.2
.26

Sarukhanyan, E. ICSU-068
.29

Sasaki, S. 24.04-033
.4
.8

Saulesleja. A. NAFO-001
.3
NAFO-003
.2

Sauvel, J. 38.14-245

Saville, A. 14.03-029
.6

Schemainda, R. 15.02-041

Schevill, W. 39.35-447
.15

Schlotterbeck, R. 39.35-447
.19

Schnack, D. 14.03-029
.5
.6
.7

Scheppenheim, R. 14.04-005
.46
.47

Schockaert, E. 03.01-012
.6

Schramm, W. 14.04-005
.2

Schulz, S. 15.02-039
15.02-041

Schumann, E. 36.06-049
36.06-058

Schwabe, R. 15.01-083
.1
.2
15.01-084
.6

Scott, J. NAFO-002
.12

Scotto, L. 39.35-446
.8

Seifert, P. 14.04-005
.1

Selim, S. 64.03-007
.11
.12
.13

Senta, T. 24.23-001

Seo, H. 43.02-058
.1

Sergeant, D. NAFO-003
.12

Severov, D. 37.22-013
.1

Shaklee, J. 39.35-448
.8

Shaofen, L. 73.05-003
.5

Shaoran, W. 73.06-001
.1

Shapiro, D. 39.48-010
.1
.2
.5
39.48-011
.3

Sharaf, S. 64.03-007
.1

Sharma, G. 19.04-003
19.04-004

Shaw, G. 02.01-489
.4

Shaw, W. 39.35-429

Shcherbinin, A. 37.22-011
.3
37.22-014
.6

Sheldon, R. 30.02-102
.13

Shepherd, S. 02.01-492
.7

Shibo, X. 73.05-003
.4

Shillington, F. 36.03-013
.42

Shim, J. 43.04-024
.8
43.02-057
.10

Shimazaki, K. 24.04-033
.8
.14

Shin, J. 43.02-057
.8

Shojima, E. 43.02-057
.6

Sholz, M. 02.01-488
.1

Shuyao, Y. 73.05-001
.3

Siedler, G. 14.04-005
.48
.57

Sieluzycka, J. 32.03-046

Sierra, M. 60.01-067

Siesser, W. 36.03-013
.43

Sigaev, I. NAFO-002
.8
.13

Silva, A. 60.01-090

Simon, B. 13.24-018
.3

Simpson, P. 38.14-237

Sinis, A. 13.00-052
.3

Sirivejabandhu, R. 51.02-028
.2

Sissenwine, M. NAFO-002
.7

Sjoblom, V. 11.03-019
.1
.2
11.03-021
.1
11.03-023
11.03-024
11.03-025
11.03-026
11.03-027
11.03-028
11.03-029
11.03-030
11.03-031
11.03-032

Skinner, R. 39.35-445
.6

Skyring, G. 02.01-492
.1
22.03-008
.2

Slechtova, V. 60.01-084
.2

Smayda, T. 39.35-448
.13

Smed, J. ICSU-068
.14
ICES-182
ICES-183

Smetacek, V. 14.04-005
.43
.49
.50
.51

Smith, D. 02.01-491
.2

Smith, J. 02.01-488
.3

Smith, L. 30.02-102
.3

Smith, P. 30.02-101

Smith, R. 14.04-005
.7

Smith, S. 06.09-113
06.09-114
30.02-102
.9
.15
.18

Smith, T. 38.14-244
39.35-448
.1

Smol, N. 03.01-012
.14

Smolowitz, R. 39.35-443

Soares, G. 13.21-012
.16

Sokolova, S. 37.22-012
.3
.4
.7

Solankin, E. 37.22-011
.2

Solis-Weiss, V. 25.04-004
.1
.2

Solov'yev, A. 37.22-014
.13

Son, S. 43.02-057
.2

Song, W. 43.04-025
.2

Sorgeloos, P. 03.01-012
.12
.15

Sorial, A. 64.03-007
.8
.9

Soto, L. 25.04-004
.16

Soulsby, R. 38.14-254

Spillane, M. 39.48-011
.6

Spinelli, J. 39.35-445
.7

Squire, J. 39.35-435
39.35-444

Stalcup, M. 39.21-210
39.21-211

Staples, D. 02.01-485
.3

Starr, P. 39.35-447
.10

Startseva, A. 37.22-012
.5
.9

Steedman, R. 02.01-490
.15

Steimle, F. 39.35-439

Stein, M. NAFO-003
.7

Stenton-Dozey, J. 36.03-013
.18

Stevens, J. 02.01-483

Stuart, D. 39.27-085

Stuart, V. 36.03-013
.44
.45

Sturm, M. 15.01-084
.1

Sucevic, P. 42.01-092
.2

Suchen, P. 38.14-251

Suh, K. 43.04-025
.7

Suh, S. 43.02-059
.11

Summers, J. 39.35-446
.16

Suslikova, E. 37.22-012
.8

Suzuki, M. 24.04-033
.4
.6
.7

Suzuki, Z. 24.14-025
.2

Swain, R. 02.01-486
.4

Swartzman, G. 39.35-448
.12

Szabo, D. 39.13-109

Szekielda, K. 14.02-143
.2

Tabata, S. ICSU-068
.9
.11

Taillade, M. ICSU-068
.21

Taira, K. ICSU-068
.19

Taka, S. 24.06-047
.3

Takao, K. 24.20-008
.1

Talbot, V. 02.01-488
.2

Tambs-Lyche, H. ICES-184

Tanino, Y. 24.23-001

Tantichodok, P. 51.02-028
.2

Tarbeev, Yu. ICSU-068
.28

Tarverdieva, M. 37.22-015
.5

Taylor, R. 39.35-428

Tegu, C. 73.05-001
.4

Tent, L. 14.03-029
.8

Teramoto, T. ICSU-068
.19

Terre, J. NAFO-002
.4

Terziev, F. ICSU-068
.17

Theede, H. 14.04-005
.2
.47
.52
.53

Theroux, R. 39.35-441

Thiel, H. 14.03-029
.9
.10

Thielemans, L. 03.01-012
.8

Thinh, L. 02.01-492
.6

Thomas, R. 36.05-025
.9

Thomasset, F. 13.21-012
.2

Thompson, C. 02.01-486
.8

Thompson, G. 02.01-486
.8

Thompson, R. 02.01-490
.7
.14

Thomson, J. 02.01-492
.4

Thomson, R. ICSU-068
.9

Thorne, R. 39.35-445
.14

Thouin, F. 13.00-051
.2

Tianjing, L. 73.06-001
.1

Timchenko, I. ICSU-068
.26

Tine, J. 13.21-012
.10

Tkachenko, V. 37.22-012
.2
.7

Toivonen, J. 11.03-021
.1
11.03-033
11.03-034
11.03-037

Tolkachev, A. ICSU-068
.29

Topliss, B. NAFO-001
.8

Towill, B. 30.02-102
.12

Tranter, D. 02.01-485
.5

Trave, J. 13.00-054
.3

Trites, R. NAFO-001
.11
NAFO-003
.6

Troadec, J. FAO-262

Trosnikov, I. ICSU-068
.3

Truax, D. NAFO-001
.9

Trueman, E. 36.03-013
.30

Trumble, R. 39.35-445
.14

Tsujita, T. 24.04-033
.2

Tsukayama, I. 30.02-102
.6
.29

Tsukayama, T. 30.02-102
.7

Tsukidate, J. 24.20-008
.3

Tsvylev, O. 37.22-012
.2
.8

Tuszynska-Rekawek, H. 32.03-046

Ueda, K. 24.20-008
.1

Ulanowicz, R. 39.35-446
.16

Ulbricht, K. 14.04-005
.22

Ulrich, J. 14.04-005
.54

Urgorri, V. 13.00-051
.4

Usov, G. 37.22-012
.5

Valdes, A. 60.01-089

Valdes-Munoz, E. 60.01-076
60.01-078

Valdez, M. 25.04-004
.8

Vance, D. 02.01-485
.3

Vandenhoudt, A. 03.01-012
.13

Vandergugten, P. 06.17-045

Vandycke, M. 03.01-012
.8

Van Foreest, D. 36.03-013
.46

Van Holderbeke, L. 03.01-012
.2

Van Opstal, Y. 44.01-033
.2

van Senden, D. 02.01-490
.4

Varela, M. 34.01-104
.3

Velimirov, B. 36.03-013
.34

Veliz, M. 30.02-100

Vera-Herrera, F. 25.04-004
.6

Verity, P. 39.35-448
.13

Veronis, G. 02.01-490
.14

Vershinskij, N. 37.22-014
.13

Versichele, D. 03.01-012
.12

Viekman, B. 39.13-110

Villalobos, C. 25.04-004
.8

Villaverde, L. 01.06-012

Villavicencio, Z. 30.02-102
.23
.24

Vincx, M. 03.01-012
.7
.14

Vivian, A. 39.35-446
.16

Vladimirskaya, E. 37.22-013
.4
.5
37.22-015
.3

Vladimirskij, S. 37.22-013
.2
.3

Volcani, B. 73.05-002
.2

Von Bodungen, B. 14.04-005
.51

Vranken, G. 03.01-012
.8
.14

Wada, T. 24.06-047
.1
.3

Wald, L. 13.21-012
.13
.14

Waldner, R. 39.48-010
.4

Walker, A. 21.01-037

Walker, T. 02.01-486
.6
.7

Waltz, C. 39.35-447
.14

Ware, D. 30.02-102
.7
.11

Wass, R. 02.01-491
.4

Watkins, W. 39.35-447
.15

Watson, W. 39.35-446
.1

Wearn, R. ICSU-068
.18

Webb, P. 39.35-447
.9

Wedekind, C. 14.02-140
.2

Weiguo, J. 73.05-001
.5
.6

Weinberg, S. 39.48-011
.5

Weiquan, L. 73.05-002
.5

Weixiang, W. 73.06-001
.3

Wells, G. 02.01-484

Wenner, C. 39.35-447
.14

Wenzhi, W. 73.05-002
.1

West, A. 21.01-036

Wetherall, J. 39.35-447
.2

Whipple, J. 39.35-446
.5

Whitledge, T. 39.35-445
.11

Wienberg, R. 14.03-029
.11

Wigley, R. 39.35-441

Wilen, J. 39.35-447
.8

Wilkinson, R. 38.14-254

Willebrand, J. 14.04-005
.55
.56

Willems, K. 03.01-012
.9
.17

Williams, E. 39.48-010
.3
.6
.7
.8
39.48-011
.4

Williams, L. 39.48-010
.8

Williams, M. 39.35-448
.10

Witt, U. 14.04-005
.42

Wittstock, R. 14.04-005
.57

Wolanski, E. 02.01-490
.3
.4
.5

Wolff, G. 39.35-445
.13

Wolford, T. NAFO-003
.4

Wolter, K. 14.04-005
.62

Woods, J. 14.04-005
.34
.58
.59

Woodward, M. 06.17-078

Worms, J. 50.01-046

Worthmann, H. 14.04-005
.60

Wouters, K. 03.01-012
.10

Wright, D. 02.01-492
.5

Wright, W. ICSU-068
.12

Wulff, C. 15.01-084
.6

Wyrtki, K. ICSU-068
.8

Xuedu, L. 73.06-001
.6

Xue-e, B. 73.06-001
.4

Yamamoto, S. 24.04-033
.4
.8

Yamanaka, I. NAFO-001
.4

Yanez-Arancibia, A. 25.04-004
.12
.13
.14

Yang, R. 12.02-012
.5

Yeh, S. 12.02-012
.8
.9
.10

Yentsch, C. NAFO-001
.6

Yesaki, M. 51.02-028
.1

Yi, S. 43.04-025
.3

Yifeng, W. 73.05-003
.4

Yixun, Y. 73.06-001
.1

Yiyao, W. 73.05-001
.5
.6

Yongchuan, W. 73.05-003
.5

Yonghong, L. 73.06-001
.5

Yongxiang, Y. 73.06-001
.7

Yoo, D. 43.04-025
.7

Yoo, J. 02.01-491
.4

Yoo, K. 43.04-025
.5

Yoo, S. 43.02-057
.7
.12

Yoon, D. 43.02-059
.6

Yoon, T. 24.04-033
.3
.11

Yoshida, H. 24.04-033
.11
24.06-047
.2

Yoshida, K. 24.14-026
.1
.2

Youji, Z. 73.06-001
.1

Yu, Z. 73.06-001
.5

Yun, H. 43.02-059
.11

Yunhua, W. 73.05-002
.4

Zander, C. 13.00-053
.1

Zaslavskij, E. 37.22-014
.5

Zavala Garcia, F. 25.04-004
.10

Zavatti, J. 01.06-007

Zeitzschel, B. 14.04-005
.51
.63

Zemanovic, M. 39.21-210
39.21-211

Zengyue, H. 73.05-003
.6

Zenk, W. 14.04-005
.27
.61

Zhaoyu, W. 73.05-003
.7

Zhensheng, F. 73.05-003
.4

Zhevnovatyi, V. ICSU-068
.17

Zhizhen, M. 73.06-001
.5
.8

Zhongxin, G. 73.05-001
.1

Zimmermann, R. 14.04-005
.62

Zohar, Y. 22.03-008
.8
.9

Zore-Armanda, M. 42.01-092
.1

Zoutendyk, P. 36.00-011

Zyryanov, V. 37.22-011
.4
37.22-014
.12

PENN STATE UNIVERSITY LIBRARIES
A00007204330l